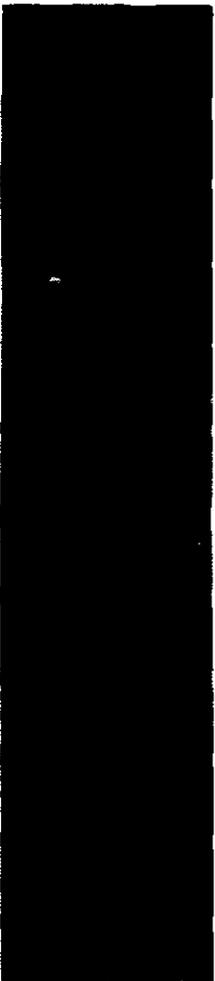


MALATHION 80 E.C.

FOR AGRICULTURAL USES ONLY.

An Emulsifiable Liquid Agricultural Insecticide containing approximately 8 lbs. Malathion per gallon.

ACTIVE INGREDIENTS:	BY WEIGHT
Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate).....	80.0%
INERT INGREDIENTS:.....	20.0%
TOTAL.....	100.0%



EPA Reg. No. 904-409

EPA Est. No. 6720-FL-1

KEEP OUT OF REACH OF CHILDREN WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center immediately. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Launder clothing before reusing.

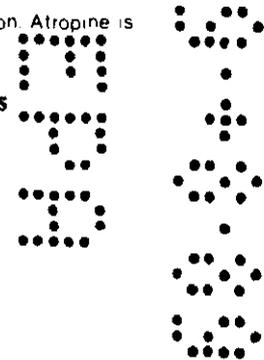
IF IN EYES: Flush with plenty of water. Call a physician.

NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. Atropine is antidotal. 2 PAM may be an effective adjunct to atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured For
PRATT-GABRIEL DIVISION
MILLER CHEMICAL & FERTILIZER CORPORATION
Hanover, Pennsylvania 17331

NET CONTENTS: 2½ GALLONS LIQUID



Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS—WARNING: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling. Keep children and pets out of treated area until spray dries. Do not contaminate food or feed. **ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in areas near the application site. 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.

Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

PHYSICAL OR CHEMICAL HAZARD: Do not use, pour or store near heat or open flame.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with the labeling.

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

COMPATIBILITY: Malathion 80 EC may be used with most common insecticides and fungicides. Alkaline materials, such as lime and Bordeaux mixture may reduce effectiveness.

GENERAL DIRECTIONS: When insects appear, apply as a foliar spray directed to contact as many insects as possible and to thoroughly cover all plant surfaces. Repeat as necessary, or as directed on this label.

FLOWERS, ORNAMENTALS AND SHADE TREES: Follow general directions using 1 pint per 100 gallons of water in hydraulic sprayers or 1 gallon per 100 gallons in a mist blower (follow mist blower's manufacturer's directions for dilutions based on hydraulic sprayer recommendations); **APHIDS** on elms, linden, maple; **EUROPEAN PINE SHOOT MOTH** on pines; **JAPANESE BEETLE** (adults) on roses, flowers, flowering ornamentals, **LEAF HOPPERS** on hawthorn, poplar, willow; **MEALYBUGS & WHITEFLIES** on azalea, rhododendron, laurel, andromeda, taxus; **THRIPS** (exposed) on roses and flowers; **TARNISHED PLANT BUG** on ornamental fruit trees and flowers; **SAWFLIES** on ash, larch, pines, spruce; **LACEBUG** on rhododendron, azalea, sycamore. Use 1 1/4 pints per 100 gallons for the following insects: **LEAF MINER** on birch, boxwood (Apply early to mid-May. Repeat in 10 days); **TENT CATERPILLARS** on flowering ornamentals. (Apply when scale crawlers appear on the following insects: **OAK KERMES** on oak, **FLETCHER SCALE** on taxus, juniper, arborvitae; **FLORIDA JUNIPER SCALE** on ornamental evergreens, **EUONYMUS SCALE** on pachysandra, **PINE NEEDLE SCALE** on pines.

MOSQUITO CONTROL: For **MOSQUITO LARVAE** in standing water, apply Malathion 80 EC at the rate of 8 2/3 fl. oz. per acre. Mix with sufficient oil or water to assure even coverage. For outdoor area control of **MOSQUITOES, FLIES, and SMALL FLYING INSECTS:** dilution 1:50 (2 1/2 fl. oz. per gallon).

CATTLESPRAY: For the control of lice and ticks on beef cattle, apply a complete coverage spray using 2/3 gallon of Malathion 80 EC mixed with 100 gallons of water. One treatment for lice may be sufficient. Repeat only if needed. For ticks, the Malathion 80 EC may be increased to 1 1/4 gallons per 100 gallons of water. Repeat applications for ticks at two week intervals if needed. **DO NOT APPLY TO LACTATING DAIRY ANIMALS. DO NOT TREAT CALVES UNDER ONE MONTH OF AGE. DO NOT MAKE ACCESSIBLE TO LACTATING DAIRY ANIMALS.** When applying sprays, avoid contamination of feed, food containers and water troughs. In back rubbing devices, use 2 2/3 fl. oz. Malathion 80 EC diluted with fuel oil to make 1 gallon.

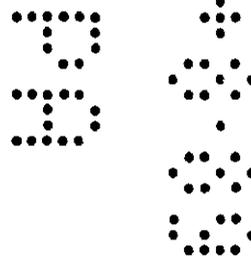
One device should be continuously accessible to each 35-45 head of cattle. This treatment may reduce hornflies as well as lice. Repeat back rubs every 2-3 weeks.

POULTRY HOUSE SPRAY: For control of **NORTHERN FOWL MITE, CHICKEN RED MITE, POULTRY LICE and FLIES,** apply 1 1/4 fl. oz. (7 1/2 tsp.) of Malathion 80 EC diluted with water to make 1 gallon of spray. For control of **POULTRY TICKS,** use 4 - 4 2/3 oz. of Malathion 80 EC diluted with 1 gallon of water. Apply liberally with high pressure spray to walls, ceilings and adjacent areas, taking care to force spray into all cracks and crevices. Repeat as necessary. Avoid contamination of feed, feeding troughs and water fountains.

MUSHROOMS, To control **PHORID and SCIARID FLIES** during cool-down for spawning and after air temperature drops to 90°F. Apply by watering into beds at the rate of 2/3 fl. oz. diluted in 3 gallons of water per 1,000 sq. ft. of bed. For **SCIARID FLIES** also apply the same rate after casing. To control **PYEMODIA MITES,** spray up to 1 day of harvest at the dilution of 2/3 oz. in 3 gallons of water applied to 1,000 square feet of bed. For **FLY control** on compost waf, apply Malathion 80 EC diluted 1 to 400 with water.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal. Store in the closed, original container in a locked area away from children and domestic animals. Store in a cool, dry place. Avoid excessive heat. Open container carefully. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide Environmental Control Agency, or the Hazardous Waste representative at the nearest E.P.A. Regional Office for guidance. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill. Do not cut or weld metal containers. Plastic containers may be incinerated or burned if allowed by state and local authorities. If burned, stay out of smoke. Do not reuse empty container.



**RE-ENTRY AND ADDITIONAL APPLICATION RESTRICTIONS FOR
AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS**

Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means at least a hat or other suitable head covering, a long-sleeved shirt and long-legged trousers or a coverall type garment (all closely woven fabric covering the body), shoes and socks. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in treated area or in an area about to be treated with this product. Instruct workers of the area or fields that must be vacated and not re-entered until the sprays have dried. Acquaint workers with the information appearing on this label under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment." When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: 1) The name of this product, 2) Date of application; 3) The statement: "Do not enter without appropriate protective clothing until sprays have dried."; 4) The information given under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment" that is appropriate in case of accidental exposure.

DIRECTIONS FOR USE ON AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS

FRUIT: FORBES SCALE on apples and pears, use 2/3 pint per 100 gallons of water when scale crawlers appear; PLUM CURCULIO on apples, pears and peaches, use 1 1/4 pints per 100 gallons of water at petal shuck and 10 days later. Repeat applications as necessary; TWO-SPOTTED MITES on cherries, peaches and plums, use 1 1/4 pints per 100 gallons of water; EUROPEAN RED MITES on apples, cherries and plums, use 1 1/4 pints per 100 gallons of water; APHIDS on apples, cherries, peaches, pears and plums, use 1 1/4 pints per 100 gallons of water. **NOTE:** MAY CAUSE INJURY TO BOSCH PEARS IN THE NORTHEAST AND MCINTOSH AND CORTLAND VARIETIES OF APPLES IF APPLIED WITHIN 4 WEEKS OF HARVEST.

APPLICATIONS SHOULD NOT EXCEED 18 gallons per acre on apples and pears, 1 1/4 gallons per acre on plums, 1.2 gallons per acre on peaches, and 1 gallon per acre on cherries.

DO NOT APPLY WITHIN THE FOLLOWING DAYS OF HARVEST: Pears—1 day; Apples, Cherries, Plums—3 days; Peaches—7 days.

FOR GROUND APPLICATIONS on the crops listed, unless otherwise noted, the specified amounts of the emulsifiable liquid should be applied in sufficient water for good coverage, usually 100 gallons of water per acre. **AERIAL APPLICATIONS:** should be made in 2-12 gallons of water per acre. Do not make applications when winds exceed 5 miles per hour. Repeat applications should be made as needed, unless otherwise indicated. Observe all label directions for dosage and application limitations.

ALFALFA: To control Aphids, Spittlebug, Spider Mite, Alfalfa Weevil Larvae and Potato Leafhopper, use 1 pint per acre.

NOTE: Apply to alfalfa in bloom only in the evening or early morning when bees are not working in the field or are not hanging on outside of hives. Do not apply within 7 days of harvest or parturing. **SOYBEANS:** To control Mexican Bean Beetle and Green Cloverworm, use 2 pints per acre. Do not apply within 7 days of harvest. **TOBACCO:** To control Aphids, use 1 to 1 1/2 pints per acre. **NOTE:** Use maximum dosage in plant bed. Do not apply within 7 days of cutting. **ASPARAGUS:** To control Asparagus Beetle, Asparagus Aphid, and Thrips (exposed stages), use 1 1/4 pints per acre. Do not apply within 1 day of harvest. **COLE CROPS (BROCCOLI, BRUSSELS SPROUTS, CABBAGE, DANDELIONS, ETC., KOHLRABI, PARSLEY, SWISS CHARD, TURNIPS, WATERCRESS):** To control Imported Cabbage Worm & Cabbage Looper, use 1-1 1/2 pints per acre. Do not apply within 3 days of harvest on Turnips and Broccoli. Do not apply within 21 days of harvest on parsley, and within 7 days of harvest on other cole crops. **CAULIFLOWER:** To control Aphids & Cabbage Looper use 1 1/4 pints per acre. Do not apply within 7 days of harvest. **LETTUCE:** To control Aphids, Cabbage Looper and Leafhopper, use 1 1/4-2 pints per acre. Do not apply within 14 days of harvest on Leaf Lettuce and within 7 days of harvest on Head Lettuce. **CUCURBITS (CUCUMBERS, CANTALOUPE, CASABAS, CRENSHAW, HONEYDEWS, HONEYBALLS, MUSKMELONS, PERSIANS, WATERMELONS and Hybrids of these):** To control Aphids, use 1 pint per acre. To control Spider Mites, Cucumber Beetle and Pickleworm, use 1 1/4 pints per acre. **NOTE:** Do not apply when plants are wet. Do not apply within 1 day of harvest. **PEAS AND COWPEAS:** To control Pea Aphid and Pea Weevil, use 1-1 1/4 pints per acre. If vines are not to be used as forage, applications may be made within 3 days of harvest. Do not apply within 7 days of harvest if vines are to be used for animal forage. Apply to foliage during early bloom period before eggs are laid, repeat as necessary. **SPINACH:** To control Aphids use 1 pint per acre. Do not apply within 7 days of harvest. **TOMATOES (OUTDOORS):** To control Spider Mites and Aphids, use 1 pint per acre. To control Drosophila sp. (Vinegar Flies), use 1 1/2 pints per acre. Make full coverage application on foliage and fruit. Do not apply within 1 day of harvest. **BLACKBERRIES:** To control MITES, use 1 pint per acre. **BLUEBERRIES:** To control Japanese Beetle, use 1 pint per acre. **CRANBERRIES:** To control Leafhopper, Cranberry Fruitworm, Blackheaded Fireworm and Spittlebug Nymphs, use 1 pint per acre. **NOTE:** Do not apply close to or during the bloom or berry-set period. **RASPBERRIES:** To control Aphids, Sap Beetle, Rose Scale, Leafhoppers and Japanese Beetle, use 1-2 pints per acre. **STRAWBERRIES:** To control Aphids, Whiteflies, Spider Mites, Spittlebug, Thrips (exposed stages), Potato Leafhopper, Strawberry Leafroller, Lygus Bug and Field Cricket, use 1-2 pints per acre. For **BLACKBERRIES, BLUEBERRIES, RASPBERRIES:** Do not apply within 1 day of harvest. For **CRANBERRIES, STRAWBERRIES:** Do not apply within 3 days of harvest.

LIMITED WARRANTY: BUYER ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING OF THIS MATERIAL NOT IN STRICT ACCORDANCE WITH DIRECTIONS GIVEN HEREWITH.

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