

57% Malathion Emulsifiable Concentrate

OTHER USES

FIELD CROPS Apply dosage given in sufficient water to cover the acre when using ground application equipment. Mix 57% Malathion with the proper amount of water as determined by the calibration of your sprayer. The amount of water used per acre will depend on the brand of ground sprayer equipment on hand. It is suggested to apply a minimum of 30 gallons water per acre by ground equipment. Thorough full coverage application should be made. Begin applications when insects first appear and repeat as necessary. To protect bees, do not apply when crops are in bloom. See Environmental Hazard Statement on bee protection.

ALFALFA, CLOVER: Alfalfa Weevil Larvae, Armyworms, Grasshoppers, Lygus Bugs, Potato Leafhoppers, Spider Mites, Spittlebugs. 1 to 2 pints. Use 2 pints per acre for Armyworm control. Do not apply during bloom. May be applied on the day of harvest.

SMALL GRAINS (Barley, Oats, Rye, Wheat): Armyworms, English Grain Aphid, Grasshoppers, Greenbugs. 1 to 2 pints. Use 2 pints for Armyworm control. Make a thorough full coverage application to hatching areas when nymphs are young. Do not apply within 7 days of harvest or forage use.

CORN (Grain or Forage) Aphids, Sap Beetles, Thrips, Young Grasshoppers. 1 pint. For control of Sap Beetles, begin treatment when 10% of the ears show silk. Repeat applications at 3 to 5 day intervals until 4 to 5 applications have been made. Do not apply within 5 days of harvest or forage use. **NOTE:** Injury may occur in the whorl and silk stages with Malathion.

PASTURE AND RANGELAND Aphids, Grasshoppers, Leafhoppers. 1 to 2 pints per acre in sufficient water for good coverage. May be applied on the day of harvest or grazing.

EPA Reg. No. 11849-6

EPA Est. No. 11849-A-1

ACCEPTED

AUG 19 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 11849-6

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. Do not get in eyes, on skin or clothing. Wash skin thoroughly after handling and before eating, drinking, smoking or using toilet facilities. Remove and wash contaminated clothing before reuse. Use with adequate ventilation. Do not contaminate feed and foodstuffs. 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Use with care when applying in areas adjacent to any body of water. Keep out of lakes, streams and ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from target areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatments or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treated area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill 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 its labeling. Read all directions carefully before using.

RE-ENTRY STATEMENT

Do not allow entry into treated areas until spray has settled, unless protective clothing is worn. Applies to foliar applications to agricultural crops. Does not apply to use on livestock.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry area away from food or feed in an area designated for pesticides. Protect from excessive heat and protect from temperatures below 0° F. Keep pesticides in original container. Keep container firmly closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, 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 or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Region Office for guidance.

CONTAINER DISPOSAL (METAL): 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.

CONTAINER DISPOSAL (PLASTIC): Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

LIQUID FLY BAIT: To control house and stable flies in Barnes, Poultry Houses, Utility Buildings and around food disposal, mix 1 cup 57% Malathion Emulsifiable in 2 gallons of water. Apply at the rate of 1 gallon per 1,000 square feet on painted surfaces and 2 gallons per 1,000 square feet on unpainted surfaces where flies alight or congregate such as window frames, stanchions, support beams, doorways and walls. For **Bait Spray**, mix 1 cup 57% Malathion with 1 cup sugar or corn syrup and add 2 gallons of water. Apply as a bait spray over the surface of manure or poultry droppings. In laying sheds, spray the dry bedding within 18 inches of the walls and around upright braces. For effective control in and around dairy barns, fly breeding sites such as manure and other waste material should be eliminated. Do not apply to freshly whitewashed surfaces. Wait 14 days after whitewashing before applying Malathion sprays. Repeat application as necessary. **NOTE:** Remove lactating dairy animals from buildings before treating buildings. Also remove animals under one month of age before treating buildings.

SWINE: For lice, mix 1 gallon 57% Malathion per 100 gallons of water (or 6 ozs. per 5 gals. of water). Apply a complete spray to animals, pens and litter. One treatment may be sufficient. Repeat applications only if needed. For **Sarcoptic mange**, mix 1 gallon 57% Malathion per 100 gallons water (or 6 ozs. per 5 gals. water). Apply complete coverage spray to all animals in herd, bedding and walls. Use extreme care to thoroughly cover all body surfaces of the animal, including inside of ears. One thorough spraying will usually control sarcoptic mange of swine; however, extensive cases will require second treatment about 10 days after first application. Do not treat animals under one month of age. After spraying swine should be kept out of sun and wind for a few hours.

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57% Malathion Emulsifiable Concentrate

CONTAINS
CYTHION
THE PREMIUM GRADE MALATHION

For Control Of Animal And Plant
Pests As Listed On The Label

ACTIVE INGREDIENTS

Malathion	57%
Xylene	34%
TOTAL	100%

O,O dimethyl dithiophosphate of diethyl mercaptosuccinic acid
Contains 5 Pounds Of Malathion Per Gallon

KEEP OUT OF REACH OF CHILDREN WARNING — AVISO

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

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. Solvent presents aspiration hazard. If possible, vomiting should be induced. Drink 5 to 10 glasses of water. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to a person who is unconscious or a 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. Wash clothing before reuse.

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Call a physician immediately.

NOTE TO PHYSICIAN AND ANTIDOTE STATEMENT

Note To Physician: This product may cause cholinergic stimulation. Atropine is antidote. 1 PAM may be effective as an adjunct to atropine.

NET CONTENTS: 1 Gallon

Manufactured By

WHB SPECIALTY PRODUCTS CO.
P.O. Box 231 • Alton, Iowa 51003

DIRECTIONS FOR USE

BEEF CATTLE & NON-LACTATING DAIRY CATTLE: For lice, add 1 gallon 57% Malathion Emulsifiable to 100 gallons of water (or 6 1/2 ozs. per 5 gals. water). Apply complete coverage spray. One treatment may be sufficient. Repeat only if needed. For ticks, mix 1 to 2 gallons 57% Malathion Emulsifiable per 100 gallons water (or 6 1/2 to 13 ozs. per 5 gals. water). Apply complete coverage spray. Repeat at 2 week intervals if needed. For horn flies, mix 1 to 1 1/2 gallons 57% Malathion per 100 gallons water (or 6 1/2 to 10 ozs. per 5 gals. water). Apply complete coverage spray. Repeat at 2 week intervals if needed. Do not apply to lactating dairy animals, or nonlactating dairy animals within 2 weeks of freshening. Do not treat animals under one month of age.

NOTE: When applying Malathion sprays do not contaminate food containers and watering troughs. Do not contaminate milk, milk handling equipment, feed or drinking water.

BACK RUBBING DEVICES: As an aid in the control of lice or horn flies on Beef Cattle, apply a mixture of 2% Malathion (1 gal. 57% Malathion to 28 1/2 gals. fuel oil or 1 quart 57% Malathion to 7 1/2 gals. of oil) to the back rubbing device. These devices should be made continuously accessible one to each 35 to 45 head of cattle. Retreat the back rubbing devices every 2 to 3 weeks. Do not apply to dairy animals. Do not treat animals under one month of age.

RECOMMENDATIONS

Mix 57% Malathion with water at rate indicated. The per acre rate is mixed with sufficient water for thorough application using ground application units. Apply in a minimum of 30 gals. water per acre by ground equipment unless otherwise specified. Thorough, uniform, full-coverage application should be made. Repeat applications as necessary.

TOMATOES: Aphids, Spider Mites - 1 pint 57% Malathion per acre (for smaller lots mix 2 teaspoons in 1 gal. water). Make one or more applications as needed. Do not apply within 1 day of harvest.

BEANS: (Green beans, lima beans, navy beans, red kidney beans, snap beans, wax beans, cowpeas and black-eyed peas) Mexican Bean Beetle, Red Spider Mites, Leafhopper - 2 pints 57% Malathion per acre (for smaller lots mix 2 teaspoons in 1 gal. water). Make one or more applications as needed. Do not apply within 1 day of harvest.

PEAS, POTATOES: Pea Aphids, Potato Aphid - 2 pints 57% Malathion per acre (2 teaspoons in 1 gal. water). For Peas, do not apply within 7 days of harvest if vines are to be fed, or within 3 days of harvest if vines are not to be fed. For Potatoes, may be applied on the day of harvest.

CABBAGE, BROCCOLI, KALE, MUSTARDS, TURNIPS: Aphids, Imported Cabbage Worm - 2 pints per acre (2 teaspoons in 1 gal. water). Make full coverage application. Repeat as necessary. Do not apply within 3 days of harvest on Broccoli, 7 days on Cabbage, Kale, Mustards and Turnips.

APPLES: European Red Mite, Clover Mites, Two-Spotted Mite - 1 to 2 pints in 100 gallons water, 4 to 8 pints per acre (for smaller lots mix 2 teaspoons in 1 gal. water). Woolly Apple Aphid, Forbes Scale - 1 pint in 100 gallons water, 4 pints per acre (2 teaspoons in 1 gal. water). Green Apple Aphid, Rosy Apple Aphid - 1 pint in 100 gallons water, 6 pints per acre (2 teaspoons in 1 gal. water). Make two or more applications as needed for mites, one or more applications for aphids, at pre-pink or pink stage of bloom or when aphids appear. Do not apply within 3 days of harvest on apples.

The rates for use on apples are based on a standard of 400 gallons per acre dilute spray for mature trees pruned 20 to 22 feet high in rows 40 feet apart. Malathion sprays may cause injury to McIntosh and Cortland varieties if spray is applied within 4 weeks of harvest.

PEARS: Aphids - 1 pint in 100 gallons water, 3 pints per acre (for smaller lots mix 2 teaspoons in 1 gal. water). Mites - 1 to 2 pints in 100 gallons water, 3 to 6 pints per acre (2 teaspoons in 1 gal. water). Make two or more applications as needed for mites, one or more for aphids, at pre-pink or pink stage of bloom or when aphids appear. Do not apply within 1 day of harvest on pears.

The rates for use on pears are based on a standard of 300 gallons per acre dilute spray for mature trees. Injury may occur under certain conditions in the Northeast on Bosc pears.

FLOWERS, OUTDOOR ORNAMENTALS, SHRUBS: Oyster Shell Scale, Eucynymus Scale - 1 pint 57% Malathion in 100 gallons water (for smaller lots mix 2 teaspoons in 1 gallon water). Aphids, Spider Mites, White Fly, Thrips, Mealy Bug, Japanese Beetle Adult, Four-Lined Plant Bug, Tarnished Plant Bug, Rose Leafhopper, Potato Leafhopper - 1 pint in 100 gallons water (2 teaspoons in 1 gal. water). Bagworms, Juniper Scale - 2 pints in 100 gallons water (2 teaspoons in 1 gal. water). Soft Brown Scale - 2 pints in 100 gallons water (2 teaspoons in 1 gal. water). Pine Needle Scale - 4 pints in 100 gallons water (4 teaspoons in 1 gal. water). Apply in summer when infestation occurs. Repeat in 10 to 12 days.

CAUTION: Injury may occur on ferns: Viburnum, Lantana, Crassula and Canareti Juniper following the use of Malathion Emulsifiable Concentrate; slight injury has also been reported on Boston Pteris and Maidenhair Ferns, Petunias and Small-Leaf Spirea.

NOTICE: Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes all risk to persons or property arising out of misuse or improper handling and accepts the product on these conditions.

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