

CLASS OF
PRODUCT
REGISTERED
SUBJECT

RECOMMENDATIONS

Thorough, full coverage application should be made. Repeat application necessary. Mix 57% Malathion with water at rate indicated. The rate is mixed with sufficient water for thorough application using application units. The amount of water used per acre will depend on brand of ground sprayer equipment on hand and could vary from 100 gallons of water per acre.

TOMATOES: Spider Mites - 1½ pints per acre (for smaller lots ½ tsp. in 1 gallon water) Aphids - 1 pint per acre (1 tsp. in 1 gal. water). Make one or more applications as needed. Do not use within 1 day of harvest.

BEANS: Mexican Bean Beetle, Spider Mites, Leafhopper - 2 pints per acre (2 tsp. in 1 gal. water). Make one or more applications as needed. Do not use within 1 day of harvest.

PEAS, POTATOES: Pea Aphid, Potato Aphid - 2 pints per acre (2 tsp. in 1 gal. water). Make one or more applications. Do not use within 3 days of harvest.

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

ALFALFA For Seed: Aphids - 2 pints per acre in at least 10 gallons of water. Do not apply within 7 days of harvest, or during full bloom.

APPLES, PEARS: European Red Mite, Clover Mites, Two Spotted Mite - 1 to 2 pints in 100 gallons water (for smaller lots mix 2 tsp. in 1 gal. water). Woolly Apple Aphid, Forbes Scale - 1 pint in 100 gallons water (1 tsp. in 1 gal. water). Green Apple Aphid, Rosy Apple Aphid - 1½ pints in 100 gallons water (1½ tsp. 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 use within 3 days of harvest. May injure foliage on some varieties.

FLOWERS, ORNAMENTALS, SHRUBS: Oyster Shell Scale, Euonymus Scale - 1 pint in 100 gallons water (for smaller lots mix 1 tsp. in 1 gal. water). Aphids, Spider Mites, White Fly, Thrips, Mealy Bug, Japanese Beetle Adult, Four Lined Plant Bug, Tarnished Plant Bug, Rose Leafhopper, Potato Leafhopper - 1½ pints in 100 gallons water (1½ tsp. in 1 gal. water). Bagworms, Juniper Scale - 2 pints in 100 gallons water (2 tsp. in 1 gal. water). Soft Brown Scale - 2½ pints in 100 gallons water (2½ tsp. in 1 gal. water). Pine Needle Scale - 4 pints in 100 gallons water (4 tsp. in 1 gal. water). Apply in summer when infestation occurs. Repeat 10 to 12 days. Caution: Do not use on certain ferns, including Boston, Hair and Pteris, as well as some species of Crassula and Canaerti Juniper, because of possible injury to these ornamentals.

DIRECTIONS FOR USE

FIELD CROPS: Apply dosage given in sufficient water to cover one 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 and could vary from 5 to 100 gallons of water per acre. 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.

(Continued right panel)

57% MALATHION EMULSIFIABLE

CONTAINS

CYTHON[®]

THE PREMIUM GRADE MALATHION

REG. TRADEMARK AMERICAN CYANAMID COMPANY

For Control of ANIMAL AND PLANT PESTS

ACTIVE INGREDIENTS:

Malathion* 57%

Xylene 34%

INERT INGREDIENTS: 9%

*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

CONTAINS 5 POUNDS OF MALATHION PER GALLON

CAUTION

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin; wash thoroughly after handling. Avoid contamination of feed and foodstuffs.

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.

See right side panel for additional warnings.

**DO NOT USE, POUR, SPILL OR STORE NEAR
HEAT OR OPEN FLAME!**

PROTECT FROM TEMPERATURES BELOW 0° F.

NET CONTENTS 1 GALLON

Manufactured by

ECONOMY PRODUCTS CO., INC.
SHENANDOAH, IOWA 51601

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NOTE TO PE
Atropine is an

EPA Reg. No
EPA Est. 377

377

ACCEPTED WITH COMMENTS

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ECONOMY PRODUCTS CO., INC.
SHANNANDOAH, IOWA 51601

ALFALFA (CLOVER): Alfalfa Weevil, Larvae, Aphid, Armyworm, Grasshoppers, Lygus Bug, Potato Leafhopper, Spider, Mite, Spittlebug. 1 1/2 to 2 pints. Use higher rate for Armyworm control. Do not apply during bloom. May be applied on day of harvest or grazing.

SMALL GRAINS (Barley, Oats, Rye, Wheat): Armyworm, English Grain Aphid, Grasshoppers, Greenbug. 1 1/2 to 2 pints. Use higher rate for Armyworm control. Make thorough full coverage application to hatching area when nymphs are young. Do not apply within 7 days of harvest.

CORN: Aphids, Sap Beetles, Thrips, Young Grasshoppers. 1 1/2 pints. Do not apply within 5 days of harvest or forage use. **Caution:** Injury may occur in the whorl and silk stage.

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

LIQUID FLY BAIT: To control house and stable flies in Barns, Poultry Houses, Utility Buildings and around food disposals, mix 5 ounces with 5 ounces of corn syrup and add 2 gallons of water. Paint or spray on desired surfaces such as window frames, stanchions, support beams and doorways.

SWINE: For lice, mix 1 gallon per 100 gallons 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 per 100 gallons of water (or 6 1/2 oz. per 5 gals. of 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. After spraying, swine should be kept out of sun and wind for a few hours. 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.

BEEF CATTLE & NON-LACTATING DAIRY CATTLE: For lice, add 1 gallon 57% Malathion to 100 gallons of water. For ticks, mix 1 to 2 gallons per 100 gallons of water. For horn flies, mix 1 to 1 1/2 gallons per 100 gallons of water. Apply complete coverage spray. Repeat at 2 week intervals if needed. Do not spray dairy cattle during lactation or within two weeks of freshening. Do not apply to calves under one month of age.

NOTE: When applying Malathion sprays do not contaminate food containers and watering troughs. Do not contaminate milk, milking 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 gallon 57% Malathion to 28 1/2 gallons fuel oil or kerosene, or 1 quart 57% Malathion to 7 1/4 gallons oil) to the back rubbing device. These devices should be made continuously accessible, one to each 35 to 45 head of cattle. Retreat the oiler every 2 to 3 weeks. Do not apply to dairy animals.

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

CAUTION: This product will kill fish. Keep out of any body of water. Do not apply when weather conditions favor drift or spray from areas treated. Rinse empty container. Pour rinse water into spray tank. Crush container and bury in ground. Do not burn.

NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. Atropine is antidotal.

EPA Reg. No. 3770-118

3049B-MBEP CO

EPA Est. 3770-IA-1

3770-NB-1 ←