

# AGWAY MALATHION 5E

2/12

**Do not apply within 7 days of harvest**

**Cucumbers, Squash and Melons** — To control aphids and spider mites, use 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water. Repeat applications as necessary.

Apply ONLY when plants are dry

Do not apply within 10 days of harvest

**Peppers** — To control aphids, apply 1 pint (10 ounces actual Malathion) per 100 gallons of water

Do not apply within 7 days of harvest

**Beets** — To control aphids, apply 1 1/2 to 2 pints (15 to 20 ounces actual Malathion) per 100 gallons of water. Make full coverage application repeated as necessary

Do not apply within 10 days of harvest if tops are to be used as food

**FRUITS & NUTS**

**Apples** — To control spider mites such as European red mite, two spotted mite, Willamette mite and clover mite, make two or more applications, as needed, of a spray containing 1 to 2 pints of this product (10 to 20 ounces actual Malathion) per 100 gallons of water. For certain mites such as two spotted and Willamette, use at least two applications 10 to 12 days apart during summer months

To control woolly apple aphid and budmoth, make one or more applications, as needed, of a spray containing 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water

To control Forbes scale, apply 1 pint (10 ounces actual Malathion) per 100 gallons of water. Make two or three thorough spray applications

To control codling moth, plum curculio and red banded leafroller, use 2 pints (20 ounces actual Malathion) per 100 gallons of water. Repeat application as necessary

Fruit injury may occur to McIntosh and Cortland varieties if spray is applied within 4 weeks of harvest

Do not apply within 10 days of harvest

**Pears** — To control spider mites, see directions under apples. To control pear psylla, make one or more applications, as needed, of a spray containing 1 to 2 pints (10 to 20 ounces actual Malathion) per 100 gallons of water

To control codling moth, plum curculio, fruit tree leafroller and red banded leafroller, use 2 pints (20 ounces actual Malathion) per 100 gallons of water. Repeat applications as necessary. Injury may occur under certain conditions in the Northeast on Bosc pears

Do not apply within 10 days of harvest

**Peaches** — To control oriental fruit moth and plum curculio, use 2 pints (20 ounces actual Malathion) per 100 gallons of water. Repeat applications as necessary

Do not apply within 14 days of harvest

**Plums and Prunes** — To control mealy plum aphid, apply 1 pint (10 ounces actual Malathion) per 100 gallons of water. Repeat applications as necessary

Do not apply within 10 days of harvest

**Pecans** — To control spider mites and aphids, apply 1 1/2 to 2 pints (15 to 20 ounces actual Malathion) per 100 gallons of water. Make full coverage spray applications, repeated as necessary

**Cranberry** — To control leafhoppers, black headed fireworms, spittlebug nymphs and cranberry fruitworms, apply 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water

Do not apply within 14 days of harvest

**Cherries** — To control black cherry aphid and fruit tree leafroller, use 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water. Repeat applications if necessary. Injury may occur on certain varieties of sweet cherries, particularly in the Northwest

Do not apply within 10 days of harvest

**Grapes** — To control grape leafhopper in California and the Southwest, make one or more applications, as needed, of a spray containing 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water

To control spider mites, make two or more applications, as needed, of a spray containing 1 1/2 pints (15 ounces actual Malathion) per 100 gallons of water

To control mealybugs, use 1 1/2 pints (15 ounces actual Malathion) in 50 to 100 gallons of water per acre

Injury may occur on Ribler grapes

Do not apply within 14 days of harvest

**MOSQUITO CONTROL Mosquito larvae** — Use 13 fl. oz. per acre for non standing water (intermittently flooded area, stagnant water, temporary rain pools). Mix in sufficient water to fill when applied by air or ground equipment

**Mosquitoes** — Use 1 part to 28 parts water, fuel oil or diesel fuel. Spray building foundations, shrubs, low trees and lawn areas

**OUTDOORS Mosquitoes, Flies and Small flying insects** — As a spray dilute Malathion 1 part to 28 parts water, fuel oil or diesel oil. AVOID APPLYING OIL BASED FORMULA TO VALUABLE ORNAMENTAL PLANTS AS INJURY MAY OCCUR

**Flies** — For the control of flies in and around yards and around homes, apply a spray containing 2 gallons of this product (10 pounds actual Malathion) in 100 gallons of water. Apply the spray at the rate of one gallon per 1,000 square feet on painted surfaces and two gallons per 1,000 square feet on unpainted surfaces where flies alight or congregate, such as walls, ceilings, stanchions, windows in dairy barns, fences around garbage cans, etc. Repeat application as necessary. For a bait spray, use 2 quarts of this product with 2 gallons of unsulfurized molasses or corn syrup or 20 pounds of sugar per 100 gallons of water. Use 3 gallons of this product (15 pounds actual Malathion) with 40 pounds of sugar per 100 gallons if the fly population is severe. Repeat applications as necessary

To control fly maggots in manure and loafing sheds, use 2 gallons of this product with 2 gallons of unsulfurized molasses or corn syrup or 20 pounds of sugar per 100 gallons of water. Apply as a drench spray over the surface of manure or poultry droppings. In loafing sheds, spray the dry bedding within 18 inches of the walls and around upright braces

Repeat applications as necessary

For treating floors in dairy barns, use 5 ounces of this product with 1 cup of corn syrup or sugar in two gallons of water. As a spot treatment, this mixture can also be applied to windows, stanchions, support beams, doors, etc.

Repeat applications as necessary

In conjunction with Malathion treatments in and around dairy barns and other agricultural premises, fly breeding sites, such as manure and other waste materials, should be eliminated

Do not apply to freshly white washed surfaces for 14 days

Sugar, unsulfurized molasses or corn syrup have been found in most cases to prolong the insecticidal activity of Malathion against flies

**MUSHROOMS Mites, Phorid and Sciarid Flies** — Use 2 1/2 pints in 100 gallons of water per acre (or 2 tablespoons in 3 gallons of water) per 1,000 square feet of bed. Make as thorough an application as soon as possible after picking. Repeat as necessary, usually twice a week

Consult local agricultural authorities for correct timing

Do not apply to mushrooms within 24 hours of harvest

**CRACK AND CREVICE TREATMENT IN FOOD HANDLING ESTABLISHMENTS IN FOOD AREAS** — Includes areas for receiving, serving, storage, packing, canning, bottling, wrapping, boxing, preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups)

As an aid in the control of ROACHES, ANTS, SPIDERS, SILVERFISH CRICKETS, CLOVER MITES, CARPET BEETLES, DRUG STORE BEETLES, CIGARETTE BEETLES, CONFUSED FLOUR BEETLES, FLAT GRAIN BEETLES, GRANARY WEEVILS, INDIAN MEAL MOTHS, RED FLOUR BEETLES, RICE WEEVILS, RUSTY GRAIN BEETLES, AND SAW TOOTHED GRAIN BEETLES,

apply at the rate of 1 pint in 2 1/2 gallons of water. To make an oil solution dilute 1 part in 19 parts of a mixture consisting of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent. Apply in small amounts directly into cracks and crevices using a pin stream of insecticide in points such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduits or hollow equipment legs where the above named insects hide. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Repeat application as necessary. Application must be made only by a commercial pest control operator

**APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS CRACK AND CREVICE TREATMENT ARE NOT PERMITTED IN NON-FOOD AREAS** — Includes garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling)

Apply as a coarse spray to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter. Repeat application as necessary. Application must be made only by a commercial pest control operator

**DISCLAIMER** Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith

**NOTE** This pesticide is to be sold ONLY in this original, unbroken package

EPA Reg. No. 8590-36 EPA Est. No. 8590-PA-1

AGWAY

Agway Inc. — Chemical Division  
Box 4933, Syracuse, NY 13221

NET CONTENTS 5 GALLON

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CHEMICAL COMPANY



GALLONS NET

# CYTHION<sup>®</sup> 5-E

THE PREMIUM GRADE MALATHION

**ACTIVE INGREDIENTS:**

Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate)	54.2
Xylene Range Aromatic Hydrocarbon Solvent	36.0
<b>INERT INGREDIENTS:</b>	9.8
(Contains 5 lb. Malathion per gallon) <b>TOTAL</b>	<b>100.0</b>

## CAUTION

KEEP OUT OF REACH OF CHILDREN

Read All Directions Before Using • Minimum Flash Point Above 84°

E.P.A. Est. No. 9782 FL 1

Manufactured by

E.P.A. Reg. No. 9782 47

**WOODBURY CHEMICAL COMPANY**  
PRINCETON, FLORIDA 33030

*Handwritten mark*

### RECOMMENDATIONS

**FLIES** (house flies) - apply spray at rate of 1 pint of mixed solution to 1,000 sq. ft. on painted surfaces and 2 pints per 1,000 sq. ft. on unpainted surfaces where flies are a problem.

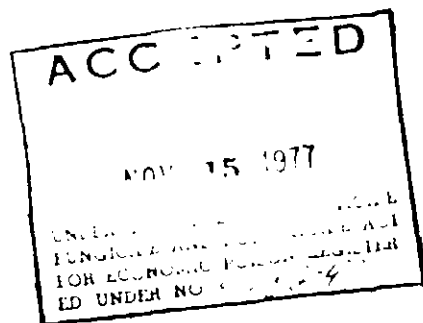
**ORNAMENTALS** - Do not spray on hibiscus, petunias, maidenhair ferns or viburnum lantana as injury may result. Apply in sufficient water to obtain full coverage of the entire plant being treated. Repeat applications as necessary for continued control.

**OYSTER SHELL SCALE AND LACE BUG** - Use 1 pint 100 gallons of water.

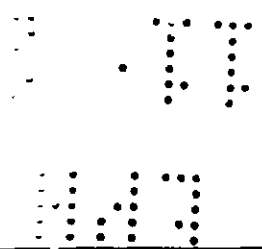
**APHIDS, MEALYBUGS, SPIDER MITES, WHITEFLY AND THRIPS** - Use 1 1/2 pints 100 gallons of water.

**FLORIDA RED SCALE, JUNIPER SCALE** - Use 2 pints 100 gallons. For mixing small quantities - Use 1 teaspoonful of WOODBURY CYTHION 5 E per gallon for each pint used per 100 gallons.

**CAUTIONS** - Do not apply oil based sprays directly to flowers or other ornamental plants.



BATCH NUMBER \_\_\_\_\_



2