

AGWAY MALATHION 5E

10/6/

ACTIVE INGREDIENTS

Malathion	5.00
Xylene range from the solvent	5.21

INERT INGREDIENTS

(D) trimethyl dibrophosphate ester, succinate (Premium Grade)	5.81
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CAUTION:

KEEP OUT OF REACH OF CHILDREN.

See additional precautionary statements on back panel

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

POISON MAY BE FATAL IF SWALLOWED. Avoid breathing spray mist. Do not get on skin. In case of contact, wash immediately with soap and water.

ANTIDOTE EXTERNAL In case of spillage on skin, wash promptly with soap and water. **INTERNAL** Enema of 1 tablespoonful of mustard in tablespoon of water. Call a physician.

Environmental Hazards

This product is toxic to fish. 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. Keep out of any body of water.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage, cleaning of equipment or disposal. Open dumping prohibited.

Pesticide spray mixture or residue that cannot be used or chemically reduced, seal should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

Triple rinse for equivalent and after for recycling/reconditioning or disposal in approved landfill or bury in a safe place.

Consult federal state or local environmental authorities for approved alternative procedures.

DIRECTIONS

READ THE ENTIRE DIRECTIONS AND DISCUSSION USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

POULTRY DIRECT APPLICATION For the control of Northern fowl mite, Poultry lice and as a supplement to premise treatments for chicken red mite mix two tablespoons of Malathion 5E per gallon of water. Apply 1 gallon of the diluted mixture per birds 100 lbs. Repeat in 4 to 8 weeks as necessary.

POULTRY HOUSES SPRAYS For the control of Northern fowl mite, chicken red mite, Poultry lice and flies apply 4 tablespoons of Malathion 5E per gallon of water liberally to walls, ceiling, roosts, pests and adjacent areas taking care to force the spray into all cracks and crevices.

For the control of Poultry ticks, apply 6 to 7 ounces of Malathion 5E per gallon applying liberally to walls, ceilings and adjacent areas taking care to force the spray into all cracks and crevices. Repeat as necessary. Use a high pressure sprayer for surface sprays.

ROOST PAINT For the control of chicken red mite and Poultry lice mix 4 tablespoons of Malathion 5E per gallon of water. Brush on this dilution as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. Avoid contamination of feed, feeding troughs and water fountains with spray and dusts.

ORNAMENTALS

Use 1/2 teaspoon per gallon of water (1/2 pint per 100 gallons) to control cherry aphid, green apple aphid, red apple aphid, snowball aphid. Use 1 1/2 teaspoons per gallon of water (1 1/2 pints per 100 gallons) to control Japanese beetle adults, bagworm, birch leaf miner, corn rootworm, forest leaf miner, boxwood, privet, gooseneck, lace bugs, mealybugs, broad and citrus scales, beet armyworm, beet armyworm, southern red mite, spotted rose, cottony scale, tree scale, scale, eastern shell scale, pine bark aphid. Use 2 1/2 teaspoons per gallon of water (2 1/2 pints per 100 gallons) to control peach scale, orange scale, tulip tree scale.

NOTE Make thorough full coverage applications and repeat as necessary. Injury may occur on certain ferns and on some species of cassia and camellia juniper.

FORAGE ALFALFA For control of aphids including yellow clover aphid, potato leafhopper, spider mites apply 1 1/2 pints with 20 to 40 gallons of water per acre when legumes are 4 to 8 inches tall. Do not apply to alfalfa in bloom. Do not apply within 7 days to harvest or pasturing. Do not apply during full bloom.

LETTUCE For control of six-spotted leafhopper (a vector of lettuce yellows disease), apply at rate of 1 quart in 20 to 40 gallons of water per acre beginning when lettuce is 6 inches high. Do not apply within 14 days of harvest on head lettuce. Do not apply within 7 days of harvest on head lettuce.

BARLEY, CORN, OATS AND WHEAT For control of cereal leaf beetle.

Ground application Apply 1 1/2 pints of Malathion 5E in 7 to 10 gallons of water per acre on foliage when adults or larvae become numerous in the spring. For best results air temperatures should be 60° to 70° during and after application.

Aerial Application Apply 1 1/2 pints of Malathion 5E in no less than 1 gallon of water per acre on foliage when adults or larvae become numerous in the spring.

Apply at a height of no more than 10 feet and at wind speed of 8 mph or less.

Do not apply within 7 days of harvest or forage use. Make no application on corn within 5 days of harvest.

FIELD AND GARDEN SEEDS For control of corn rootworm beetle, granary weevil, saw toothed grain beetle, flat grain beetle, lesser grain borer and Indian meal moth, apply 1 pint of Malathion 5E in 1 gallon of water per 500 bushels of seed.

TIMING OF APPLICATION Timing and rate of application vary as a result of local conditions. Since these conditions are unknown to manufacturer, you must satisfy yourself as to local requirements. Your State Agricultural Extension Service may be able to give you information.

Mosquito Control

Mosquito larvae Use 1 1/2 oz. per acre. For use in standing water, intermittently flooded area, stagnant water, temporary rain pools. Mix in sufficient water to dilute 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.

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.



Agway Inc.
Chemical Division
Box 4933
Syracuse, NY 13221
EPA Reg. No. 8590-36 EPA Est. No. 8590-PA-1

ACCEPTED

JAN 15 1980

E-90-36

NET CONTENTS 5 GALLON

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AGWAY MALATHION E

ACTIVE INGREDIENTS

'Malathion	55.00%
Xylene (range aromatic solvent)	36.20%
INERT INGREDIENTS	8.80%
10% D-methyl diethylphosphate of diethyl mercaptosuccinate (Premium Grade)	10% 10%

CAUTION: KEEP OUT OF REACH OF CHILDREN.

See additional precautionary statements on side panel

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION - MAY BE FATAL IF SWALLOWED. Do not breathe spray mist. Do not get on skin. In case of contact wash immediately with soap and water. **ANTIDOTE EXTERNAL:** In case of spillage on skin, wash promptly with soap and water. **INTERNAL:** Emetic of 1 tablespoonful of oil mustard in tumbler of water. Call a physician.

Environmental Hazards

This product is toxic to fish. 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. Keep out of any body of water.

DIRECTIONS

READ THESE ENTIRE DIRECTIONS AND DISCUSSION USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS. USE IN ACCORDANCE WITH FEDERAL INSTRUCTIONS FOR SPILLAGE OR INACCIDENT WITH SPILLING.

STORAGE & DISPOSAL

Store in uncontaminated water-tight containers. Do not spray directly on glass or metal. Open pumping system first. Pesticide spray mixture irritates metal. Do not apply to metal. Do not apply within 10 days of harvest or pasturing. Do not apply during full moon.

BARLEY, CORN, OATS AND WHEAT

For control of aphids, including yellow clover aphid, potato leafhopper, spider mites, apply 1 pint with 20 to 40 gallons of water per acre. When the grain is 4 to 8 inches tall. Do not apply to barley or wheat. Do not apply within 10 days of harvest or pasturing. Do not apply during full moon.

CABBAGE, BROCCOLI, KALE, MUSTARD AND TURNIPS

For control of aphids, including turnip aphid, turnip worm and cabbage looper, apply 1 to 2 pints (15 to 20 ounces actual Malathion) in 100 gallons of water per acre. Make two or three thorough spray applications. Do not apply within 10 days of harvest or pasturing. Do not apply during full moon.

AERIAL APPLICATION

Apply 1 to 2 pints of Malathion 5E in no less than 1 gallon of water per acre. Use when aphids or larvae become numerous in the spring. Apply at the rate of 10 to 15 feet and at wind speed of 8 mph or less. Do not apply within 10 days of harvest. Do not apply after application of insecticide or fertilizer. Make no application within 5 days of harvest.

FIELD AND GARDEN SEEDS

For control of aphids, including turnip aphid, turnip worm and cabbage looper, apply 1 to 2 pints (15 to 20 ounces actual Malathion) in 100 gallons of water per acre. Make two or three thorough spray applications. Do not apply within 10 days of harvest.

POULTRY DIRECT APPLICATION

For control of Northern fowl mite, chicken red mite, poultry lice and flies, apply 4 tablespoons of Malathion 5E per gallon of water liberally to walls, ceiling, roosts, pens and adjacent areas, taking care to force the spray into all cracks and crevices. For the control of poultry ticks, apply 6.7 ounces of Malathion 5E per gallon applying liberally to walls, ceilings and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat as necessary. Use a high pressure sprayer for surface sprays.

ROOST PAINT

For the control of chicken red mite and poultry lice, mix 4 tablespoons of Malathion 5E per gallon of water. Brush on this dilution as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. Avoid contamination of feed, feeding troughs and water fountains with spray and dusts.

ORNAMENTALS

Use 1 teaspoon per gallon of water (1 pint per 100 gallons) to control cherry aphid, green apple aphid, rose apple aphid, snowball aphid, 1/2 teaspoon per gallon of water (1/2 pint per 100 gallons) to control Japanese beetle adults, bagworm, birch leaf miner, elm leaf miner, locust leaf miner, boxwood psylla, gall mites, lace bugs, mealybugs, boxwood mites, European red mite, honey locust mite, oak mite, southern red mite, 2-spotted mite, cottony scale, lecanium scale, oyster shell scale, pine bark aphid, 1/2 to 1 teaspoon per gallon of water (1/2 pint per 100 gallons) to control magnolia scale, tulip tree scale.

NOTE: Make two or three thorough applications and repeat as necessary. Injury may occur on certain ferns and on some species of crassula and cotoneaster juniper.

FORAGE ALFALFA For control of aphids, including yellow clover aphid, potato leafhopper, spider mites, apply 1 pint with 20 to 40 gallons of water per acre. When the plants are 4 to 8 inches tall. Do not apply to alfalfa or wheat. Do not apply within 10 days of harvest or pasturing. Do not apply during full moon.

BARLEY, CORN, OATS AND WHEAT

For control of aphids, including yellow clover aphid, potato leafhopper, spider mites, apply 1 to 2 pints (15 to 20 ounces actual Malathion) in 100 gallons of water per acre. Make two or more applications as needed of a spray containing 1 to 2 pints (15 to 20 ounces actual Malathion) per 100 gallons of water.

DO NOT APPLY WITHIN 10 DAYS OF HARVEST

To control woolly apple aphid and bud moth, make one or more applications as needed of a spray containing 1 pint (15 ounces actual Malathion) per 100 gallons of water.

TO CONTROL FORB'S 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 CURWEE 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 COTTONTAIL APPLES 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 CURWEE, 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

TIMING OF APPLICATION Timing and rate of application vary as a result of local conditions. Since these conditions are unknown to manufacturer you must satisfy yourself as to local requirements. Your State Agricultural Extension Service may be able to give you information.

VEGETABLES

Lettuce — For control of six-spotted leafhopper (a vector of lettuce yellows disease), apply at rate of 1 quart in 35 to 40 gallons of water per acre beginning when lettuce is 12 inches high. Do not apply within 14 days of harvest on head lettuce. Do not apply within 7 days of harvest on leaf lettuce.

Asparagus — To control the asparagus aphid, apply at the rate of 2 pints per acre. Apply when aphids are first seen and repeat as often as necessary for good control.

Do not apply within one day of harvest.

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

Do not apply within 10 days of harvest.

Peas — To control pea aphid, make one or more applications as needed of a spray containing 1 to 2 pints (15 ounces actual Malathion) per 100 gallons of water.

Do not apply within 14 days of harvest.

Beans — To control Mexican bean beetle, make two or more applications as needed of a spray containing 1 to 2 pints (15 ounces actual Malathion) per 100 gallons of water.

To control woolly apple aphid and bud moth, make one or more applications as needed of a spray containing 1 pint (15 ounces actual Malathion) per 100 gallons of water.

To control Forb's 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 curwae 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 Cottontail apples if spray is applied within 4 weeks of harvest.

Do not apply within 10 days of harvest.

MOSQUES

on stand rain gear equipment

Mosque building

OUTON dilute II

AVOID PLANT

Do not apply within 7 days of harvest.

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

Do not apply.

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 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 (15 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 bud moth, make one or more applications as needed of a spray containing 1 pint (15 ounces actual Malathion) per 100 gallons of water.

To control Forb's 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 curwae 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 Cottontail apples 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 curwae, 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.

BEST AVAILABLE COPY

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