

ROYAL BRAND MALATHION 5-E

Contains 5 lbs. Malathion Per Gallon

FOR CONTROL OF INSECTS ON ORNAMENTAL PLANTS, SHRUBS, & SHADE TREES, VEGETABLES AND FRUITS AS LISTED -- FOR PECANS

ACTIVE INGREDIENTS:	
Malathion: O,O dimethyl phosphorodithioate of diethyl mercaptosuccinate. . . . .	55.3%
INERT INGREDIENTS:* . . . . .	44.7%
Total	100.0%

\*Contains Aromatic Petroleum Solvent

KEEP OUT OF REACH OF CHILDREN  
CAUTION

STATEMENTS OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

**IF IN EYES:** Flush eyes with plenty of water. Get medical attention.

**IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

**IF INHALED:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

**NOTE TO PHYSICIAN :** Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is antidotal. Aromatic solvent may present aspiration hazard. Gastric lavage indicated if product was swallowed.

MAR 15 1989

AMVAC CHEMICAL CORPORATION  
4100 EAST WASHINGTON BLVD.  
LOS ANGELES, CALIFORNIA 90023

5481-259

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-259

EPA EST. NO. 5481-CA-1

NET CONTENTS 1 GALLON

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LOS ANGELES, CALIFORNIA 90023

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed. Avoid breathing spray mist or vapors. Avoid contact with skin. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not treat areas frequented by children and do not allow children in treated areas until the spray has dried. Do not apply this product in such a manner as to directly or through drift expose workers or other person. The area being treated must be vacated by unprotected persons. **NOTE TO PHYSICIAN:** Malathion upon repeated, prolonged and careless use may cause cholinesterase inhibition. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. Do not apply directly to water except as specified on this label. 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.

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility. **CONTAINER DISPOSAL: GLASS:** Triple rinse(or equivalent).Then dispose of in a sanitary landfill or by other approved State and local procedures. **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.

DIRECTIONS FOR USE

To obtain a seasonal Spray Schedule contact your State Agricultural Extension Service Authorities for a spray program approved for your locality. Generally apply when insects are first seen or are anticipated and repeat at 10 to 14 day intervals until control is accomplished. Observe pre-harvest spray interval.

Unless otherwise indicated dosages on this label for FRUITS, NUTS, VEGETABLES AND ORNAMENTALS are in pints per 100 gallons of water. Thorough, full coverage applications should be made. Two or more applications spaced at 10 to 14 days intervals may be needed for effective control. Repeat as necessary for continued insect control.

FRUITS AND NUTS

**APPLE:** For control of Woolly Apple Aphid, Bug Moths and Forbes Scale use 1 pint.  
For Green Apple Aphid, Rosy Apple Aphid use 1 1/2 pint.  
For Mealybugs, European Red Mite, Clover Mites and Two Spotted Mite use 1 to 2 pints.  
For Codling Moth, Plum Curculio, Red Banded Leaf Roller use 2 pints.  
Malathion may cause injury to McIntosh and Cortland in summer Sprays.

**BEST AVAILABLE COPY**

FRUITS AND NUTS(Cont.)

PEAR: For Mites, Pear Psylla, and Mealybugs use 1 to 2 pints.  
For Codling Moth, Plum Curculio, Fruit Tree Leaf Rollers, Red Banded Leaf Roller use 2 pints.  
Malathion may cause injury to Bosc pears in the Northeast.

PEACH: For Oriental Fruit Moth and Plum Curculio use 2 pints.

PLUM and PRUNES: For control of Mealybugs and Aphids use 1 pint.  
For Plum Curculio use 1 to 1 1/2 pints plus 2 1/2 lbs. of 50% Methoxychlor as recommended on an EPA approved product.

STRAWBERRY: For Aphids and Spider Mites use 1 1/2 pints.

PECAN: For Spider Mites and Aphids use 1 1/2 to 2 pints.

PRECAUTIONS IN USING - PRE-HARVEST SPRAY INTERVALS

Do not apply to Apples, Pears, Plums, Prunes or Strawberries within 10 days of harvest - 14 days of harvest for Peaches. If combined with Methoxychlor do not apply within 14 days of harvest. Residues remaining at harvest should be removed by washing, brushing or other effective means.

For Control of Codling Moth, Apple Maggot, Oriental Fruit Moth, or Plum Curculio, apply at "Petal Fall" and then every 10 to 14 days thereafter until control is achieved.

VEGETABLES

See Pre-Harvest Spray Intervals below, for each crop.

BEAN: For Mexican Bean Beetle use 1 1/2 pint. For Spider Mites use 1 to 1 1/2 pt

BEANS: For Aphids use 1 1/2 to 2 pints.

CABBAGE, BROCCOLI, KALE, MUSTARD, TURNIPS: For Aphids, Imported Cabbage worm, and Cabbage Looper use 1 to 2 pints.

CUCUMBER, SQUASH, MELON: For Aphids and Spider Mites use 1 1/2 pint. Do not apply to cucurbits unless plants are dry.

EGGPLANT: For Aphids, and Spider Mites use 1 pint. For Lace Bugs use 3 pints.

PEA: For Pea Aphid use 1 1/2 pint.

PEPPERS: For Aphids use 1 pint.

POTATO: For Aphids use 1 pint.

TOMATO: For control of Spider Mites use 1 1/2 pint - Aphids: use 1 pint.

PRECAUTIONS IN USING - PRE-HARVEST SPRAY INTERVALS

Do not apply to peas, beans, tomato, cabbage, broccoli, kale, mustard, tomato or beets(greens) within 10 days of harvest; to eggplant and peppers within 7 days of harvest. Residues remaining at harvest should be removed by washing, brushing or other effective means. Do not apply to cucumbers, squash & melons within 1 day of harvest.

FLIES

For use in and around buildings which house domestic animals, around yards, and around barns apply the diluted spray at the rate of 1 gallon per 1000 Sq.Ft. on painted surfaces and 2 gals. per 1000 Sq.Ft. on unpainted surfaces where flies alight and congregate. In most cases, adding molasses or sugar to the spray prolongs the insecticidal activity of malathion and services as a fly attractant. To make spray mix 2 gallons of MALATHION 5-E in 100 gals. of water. TO USE AS A BAIT SPRAY: Mix 2 gals. MALATHION 5-E with 2 gals. unsulfurized molasses or 20 lbs. of powdered sugar per 100 gallon of water. Smaller amounts can be made by adding 2 1/2 fluid ounces of MALATHION 5-E + 1/4 lb. sugar (or 2 1/2 fluid ounces of molasses) to each gallon of water.

Do not use in milk rooms. Avoid contamination of feed and food products. Remove animals and poultry from buildings before treating. Do not use inside of dwellings.

WHEN USING INDOORS use only with adequate ventilation. After using ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surfaces until sprays have dried.

ORNAMENTALS

Thorough, full coverage applications should be made and repeated as necessary. Use on a wide variety of Trees, Shrubs and Flowering plants which includes Roses, Camellias, Azaleas, Stocks, Chrysanthemums, Evergreens, and many other flowers, trees and shrubs. Avoid use on certain ferns including Boston, Maidenhair and Pteris, as well as some species of Crassula and Connartii Juniper since plant injury may result.

For Oyster Shell Scale, and Lace Bugs use 1 pint.

For Euonymus Scale 1 to 1 1/2 pint;

For Aphids, European Pine Shoot Moth, Four Lined Leaf Bug, Japanese Beetle (Adult), Mealy Bugs, Potato Leafhopper, Rose Leafhopper, Scurfy Scale, Spider Mites, Tarnished Plant Bug, Thrips, Whitefly use 1 1/2 pint.

For Azalea Scale, Bagworms, Birch Leaf Miner, Boxwood Leaf Miner, Fletcher Scale\*, Florida Scale, Juniper Scale, Magnolia Scale, Pine Leaf Scale. Tent Caterpillar use 2 pints. \*Apply when scale crawlers have settled on foliage.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

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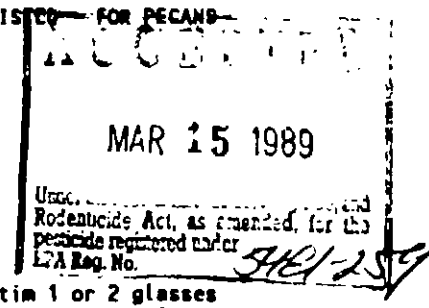
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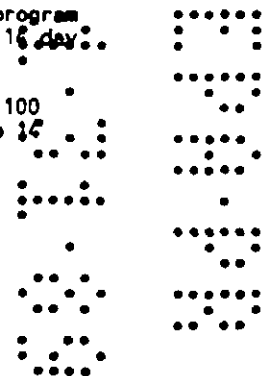
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PLUM and PRUNES: For control of Mealybugs and Aphids use 1 pint.  
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STRAWBERRY: For Aphids and Spider Mites use 1 1/2 pints.

PECAN: For Spider Mites and Aphids use 1 1/2 to 2 pints.

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