



[239-739]

ORTHO Malathion 50 Insect Spray

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS AND DIRECTIONS. KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

DIRECTIONS Spray thoroughly covering both upper and lower leaf surfaces or other infested plant parts. Repeat as necessary. Can be used up to 3 days of harvest on food crops unless otherwise specified. Do not store diluted spray. Make new dilution for each use. 3 teaspoonfuls = 1 Tablespoonful = 1/2 oz.

ORNAMENTALS (Roses, Camellias, Azaleas, Stocks, Chrysanthemums, Evergreens and Many Other Flowers and Shrubs)—Aphids: 1 1/2 to 2 teaspoonfuls to 1 gal. water. Red Spider Mites, Spruce Mites, Mealybugs, Woolly Apher, Whitefly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Bagworms, Rose Leafhopper, Japanese Beetle Adults, Box Elder Bugs: 1 Tablespoonful (1/2 oz.) per gal. water. Scales (Black Scale, Soft Brown Scale, Oyster Shell Scale and certain others): 1 1/2 to 2 Tablespoonfuls per gal. water.

FRUITS (Apples, Pears, Grapes)—Aphids: 1 1/2 to 2 teaspoonfuls to 1 gal. water. Red Spider Mites, Mealybugs, Woolly Apher, Whitefly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Grape Leafhopper, Pear Psyllid, Japanese Beetle Adults: 1 Tablespoonful (1/2 oz.) per gal. water. Scale Crawlers: 1 1/2 to 2 Tablespoonfuls per gal. water. Malathion may cause injury to McIntosh and Golden varieties of apples to Bosc pears and Ribier grapes. Do not apply to Pears within 1 day of harvest.

CITRUS (Oranges, Tangerines, Grapefruit, Lemons, Limes)—Aphids, Whiteflies, Black Scale, Purple Scale, Yellow Scale, Florida Red Scale, Thrips: 2 teaspoonfuls per gal. water. Thorough coverage of branches and upper and lower leaf surfaces is necessary to control insects. Do not apply during full bloom. Do not apply within 7 days of harvest.

VEGETABLES (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Beans, Peas, Potatoes)—Aphids: 1 1/2 to 2 teaspoonfuls to 1 gal. water. Red Spider Mites, Mealybugs, Whitefly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Bean Leafhopper, Potato Leafhopper, Japanese Beetle Adults: 1 Tablespoonful (1/2 oz.) per gal. water. Do not apply to Beans within 1 day of harvest. Do not apply to Broccoli and Peas within 3 days of harvest and to Brussels Sprouts, Cabbage, Cauliflower or Kale within 7 days of harvest. Use up to harvest on potatoes.

HOUSEHOLD PESTS (Roaches, Ants, Spiders, Mosquitoes, Silverfish, Crickets, Clover Mites, Earwigs) in and about Homes, Dairies, and Food Processing Plants—8 Tablespoonfuls (4 ozs.) per gal. water. Apply by means of a coarse spray or paint brush to window sills, baseboards, under sinks, drain boards, stoves and to other areas frequented by insects. Avoid contamination of food, dishes, utensils, milk, milk equipment and water. Repeat as necessary. Do not use in commercial food preparation areas or in edible products areas of food processing plants. **Clover Mites around outside dwellings and lawns**—2 Tablespoonfuls per gal. water. Spray lower foundation of house as well as ground, lawns and plants in an area 10 ft. wide along side of house. Repeat as necessary.

HOUSE FLIES around Dwellings (outside only), Outbuildings, Dairy Barns, Chicken Houses, Stables, Dog Kennels, Patios, Garbage Containers—**SPRAY APPLICATION:** 6 Tablespoonfuls (3 ozs.) to 1 gal. water. 3 to 5 Tablespoonfuls cane or dark sugar or molasses may increase effectiveness. Spray around house foundation, under porches, along fences, shrubbery and other infested areas. Use 1 gal. diluted spray to 1000 sq. ft. area. If ORTHO Lawn Sprayer is used, fill bottle with ORTHO Malathion 50 Insect Spray and plan to cover approximately 7500 sq. ft. by the time bottle is empty. **DO NOT APPLY THIS DOSAGE TO ANIMALS.** Remove calves under one month of age before treating. Avoid contamination of milk, milk equipment and water. **Maintain sanitary conditions around barns, outbuildings and other areas to prevent fly breeding.**

FLEAS on Dogs and Cats: 2 Tablespoonfuls (1 oz.) per gal. water. Wet thoroughly to penetrate hair. Do not apply more than once weekly. **Animal Quarters:** 10 Tablespoonfuls (5 ozs.) per gal. water. Spray

kennels, pens, yards, lawns and under houses at the rate of 1 gal. diluted spray per 1000 sq. ft. Remove animals before treatment, putting in fresh bedding after treatment.

BEDBUGS—3 Tablespoonfuls (1 1/2 ozs.) per gallon deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to moisten the fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Do not contaminate food or utensils.

BEEF CATTLE, Horn Flies—Use 1/2 pint (8 ozs.) in 5 gals. water (3 1/2 Tablespoonfuls per gal. water). Apply a complete coverage spray. Repeat applications at two week intervals if needed. Do not apply to lactating dairy animals. Do not apply to non lactating dairy cattle within 2 weeks of freshening. Do not treat calves under 1 month of age. Avoid contamination of feed, food containers and watering troughs.

CHICKENS, DUCKS, GEES, TURKEYS: Northern Fowl Mite, Poultry Lice—2 Tablespoonfuls (1 oz.) per 1 gal. water per 100 to 150 birds. Spray directly on birds, and repeat at 4 to 8 week intervals or as necessary. **POULTRY HOUSE TREATMENT: Northern Fowl Mite, Chicken Red Mite, Poultry Lice, Flies**—4 Tablespoonfuls (2 ozs.) per 1 gal. water. Apply sprays liberally to litter, walls, ceilings, roosts, nests and adjacent areas. Force spray into all cracks and crevices. Repeat as necessary. **Poultry Ticks**—6 to 7 ozs. per 1 gal. water. Apply spray liberally to walls, ceilings and adjacent areas. Force spray into cracks and crevices. Repeat as necessary. **ROOST PAINT: Chicken Red Mite, Poultry Lice**—4 Tablespoonfuls (2 ozs.) per 1 gal. water. Brush on at 1 pt. per 150 ft. of roost and repeat as necessary. Avoid contamination of feed, feeding troughs and water fountains with spray.

CAUTION: Harmful if swallowed. Do not breathe vapor or spray mist. Avoid contact with skin, wash skin and hands thoroughly after using. Avoid contamination of feed or foodstuffs. Malathion is a cholinesterase inhibitor and can cause symptoms similar to those caused by other organic phosphate compounds. If poisoning should occur CALL A PHYSICIAN IMMEDIATELY.

Note to Physicians: Emergency Information—call (415) 233-3737. ATROPINE IS ANTIDOTAL. Keep children and animals away from treated areas until these areas are dry. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.** Food utensils such as teaspoons and tablespoons should not be used for food purposes after use with pesticides. Do not use on Boston, Maidenhair and Pteris ferns, Canaert Juniper and some species of Crassula. When container is empty immediately wash thoroughly and destroy. Never re-use.

This product will kill fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. 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.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

**STORE IN COOL DRY PLACE
CONTAINS SPREADER**

Chevron Chemical Company

Ortho Malathion 50 Insect Spray (EPA Reg. No. 239-739-ZC)

Product of U.S.A.

Form 4-11-71

EPA Est. 239-NJ-1

EPA Reg. No. 239-739-ZC

Spray

birds, lawns and under houses at the rate of 1 gal. diluted spray per 1000 sq. ft. Remove treatment, putting in fresh bedding after treatment.

Tablespoonfuls (1½ ozs.) per gallon deodorized kerosene. Apply lightly to all mattress surface quantity to "mist" the fabric and generously to beds and woodwork with special care possible hiding places. Do not contaminate food or utensils.

Horn Flies - Use ½ pint (8 ozs.) in 5 gals. water (3½ Tablespoonfuls per gal. water) coverage spray. Repeat applications at two week intervals if needed. Do not apply to animals. Do not apply to non-lactating dairy cattle within 2 weeks of freshening. Do not use for 1 month of age. Avoid contamination of feed, food containers and watering troughs.

CHICKS, GEESE, TURKEYS: Northern Fowl Mite, Poultry Lice - 2 Tablespoonfuls (1 oz.) per 100 to 150 birds. Spray directly on birds, and repeat at 4 to 8-week intervals. **Poultry House Treatment: Northern Fowl Mite, Chicken Red Mite, Poultry Lice**, 2 Tablespoonfuls (2 ozs.) per 1 gal. water. Apply sprays liberally to litter, walls, ceilings, roosts, vent areas. Force spray into all cracks and crevices. Repeat as necessary. **Poultry Ticks** - 1 gal. water. Apply spray liberally to walls, ceilings and adjacent areas. Force spray into crevices. Repeat as necessary. **ROOST PAINT, Chicken Red Mite, Poultry Lice** - 4 Tablespoonfuls (4 ozs.) per 1 gal. water. Brush on at 1 pt. per 150 ft. of roost and repeat as necessary. Avoid feed, feeding troughs and water fountains with spray.

harmful if swallowed. Do not breathe vapor or spray mist. Avoid contact with skin, wash thoroughly after using. Avoid contamination of feed or foodstuffs. Malathion is a cholinesterase inhibitor and can cause symptoms similar to those caused by other organic phosphate compounds. If symptoms occur, CALL A PHYSICIAN IMMEDIATELY.

First Aid: Emergency Information - call (415) 233-3737. ATROPINE IS ANTIDOTAL. Keep children away from treated areas until these areas are dry. DO NOT USE, POUR, SPILL OR STORE NEAR OPEN FLAME. Food utensils such as teaspoons and tablespoons should not be used for other use with pesticides. Do not use on Boston, Maidenhair and Pteris ferns. Canaert Juniper and Crassula. When container is empty immediately wash thoroughly and destroy. Never re-use.

Do not kill fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Highly toxic to bees: exposed to direct treatment or residues on crops. Protective information obtained from your Cooperative Agricultural Extension Service.

Manufacturer assumes all responsibility for safety and use not in accordance with directions.

KEEP IN DRY PLACE
READER

Chemical Company

San Francisco, CA 94119 Richmond, CA 94804

Made in U.S.A.

EPA Est. 239-NJ-1

Phone 239-739-ZC



ORTHO

Makes Up To
96 Gallons
Diluted Spray

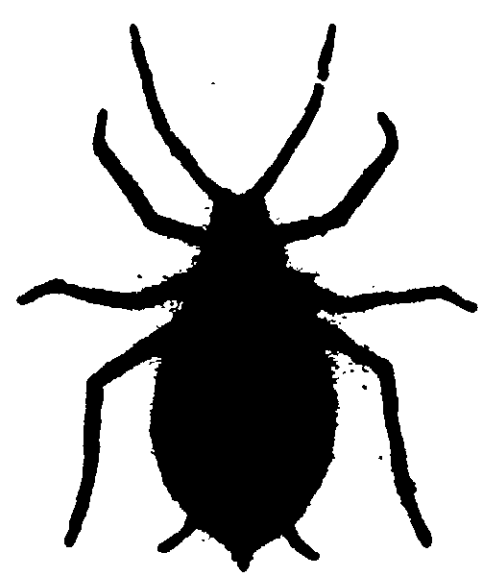
Malathion 50 Insect Spray

**Kills Insects —
Aphids, Red Spider Mite,
Flies, Mealybugs and Scales.**

0111110

96 Gallons
Dated Spr

Malathion 50 Insect Spray



Active Ingredients		By Wt.
*Malathion	Aromatic Petroleum Derivative Solvent	58%
Inert Ingredients	*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate.	33%
		17%

CAUTION: Keep out of reach of children.
See back panel for additional cautions.

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