

ORNAMENTAL INSECTS

For use on flowers, shrubs and shade trees To control aphids, birch leaf miners, flower weevil, leaf bug, Japanese beetle adults, lace bugs, leafhoppers, mealybugs, tarnished plant bugs, thrips, Whitefly and European pine shoot moth; use 1 teaspoonful in 1 gallon of water.

To control bagworms, boxwood leaf miners oak kermes, tent caterpillar, azalea scale, black scale, crawlers euonymus scale, fletcher scale, juniper scale, leaf scale, magnolia scale, oyster shell scale, scurfy scale, soft brown scale, and spider mites; use 2 teaspoonfuls in 1 gallon of water.

Use 4 teaspoonfuls in 1 gallon of water for the pine needle scale.

Injury may occur on certain ferns, and some species of crassula.

HOUSEHOLD INSECTS

Use 3 tablespoonfuls of this product in 1 quart of water, and apply as a coarse spray or brush on window sills, baseboards, drainboards, under sinks, and stoves, cracks and crevices, to control roaches, ants, spiders, silverfish, crickets, clover mites and earwigs. Use as spot treatment only.

Be careful not to contaminate food or utensils. Water base sprays may stain finished surfaces. Repeat applications as necessary.

ANIMAL PESTS

For fleas on dogs and cats, use 2 oz. of this concentrate in 1 gallon of water. Use a hand sprayer and wet animal thoroughly. Animals that are not confined should be re-examined closely every 3 weeks or so, and treated, if needed.

For animal quarters, use 1/4 oz. in 1 quart of water and spray under porches, bins, garages and kennels, etc.

MANUFACTURED BY
RIVERDALE CHEMICAL COMPANY
CHICAGO HEIGHTS, ILLINOIS

U.S.D.A. Reg. No. 228-68 Net Contents 1 Gal.

MALATHION 5

ACTIVE INGREDIENTS:

Malathion*
Methylated Naphthalenes

INERT INGREDIENTS:

TOTAL

57%
35%
8%
100%

(Contains 5 lbs. premium grade Malathion per gal.)

*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate.

WARNING: KEEP OUT OF REACH OF CHILDREN

DIRECTIONS FOR USE

The following are general recommendations for the use of Riverdale Malathion 5 for home and garden use. THE RECOMMENDATIONS ARE BASED ON MAKING 1 GALLON OF SPRAY. SPRAY THOROUGHLY AND REPEAT APPLICATIONS AS NECESSARY.

VEGETABLE APPLICATIONS

The recommendations are based on making one gallon of spray. Spray thoroughly and repeat applications as necessary.

CELERY — For aphids and spider mites use 1 teaspoonful. Do not apply later than 7 days before harvest.

BEANS — Use 1 teaspoonful for leafhoppers, Mexican bean beetle, and spider mites. Do not apply later than 1 day before harvest.

BEETS, BRUSSEL SPROUTS — For aphids use 2 teaspoonfuls. Do not apply later than 7 days before harvest.

CABBAGE, BROCCOLI, TURNIP, KALE and MUSTARD — Use 1 teaspoonful for aphids, imported cabbage worms, and cabbage loopers. Do not apply later than 7 days before harvest. In the case of Broccoli and Turnip, not later than 3 days before harvest.

CUCUMBERS, SQUASH and MELONS — For aphids and spider mites use 1 teaspoonful. Do not apply to cucurbits unless plants are dry, and not later than 1 day before harvest.

EGGPLANT — Use 1 teaspoonful for aphids and spider mites. For lace bugs use 3 teaspoonfuls. Do not apply later than 3 days before harvest.

LETTUCE, SPINACH — For aphids and leafhoppers use 2 teaspoonfuls. Do not apply later than 14 days before harvest. 7 days for Head Lettuce and Spinach.

ONIONS — For onion thrips use 1 teaspoonful. Do not apply later than 3 days before harvest.

PEAS, PEPPERS, RUTABAGAS — Use 1 teaspoonful for aphids. Do not apply later than 3 days before harvest.

POTATOES — For aphids and leafhoppers use 1 teaspoonful.

TOMATO — For aphids and spider mites use 1 teaspoonful. Do not apply later than 3 days before harvest.

FRUIT INSECTS

APPLES — To control aphids, bud moth, forbes scale, codling moth, plum curculio, red-banded leaf roller and spider mites, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 3 days before harvest. This product may injure McIntosh and Cortland varieties in summer sprays.

GRAPES — For leaf hoppers, spider mites, mealybugs, use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvesting. May cause injury to foliage on some varieties.

CHERRIES — Use 1 teaspoonful in 1 gallon of water, for black cherry aphids and fruit tree leaf rollers. Do not apply later than 3 days before harvest. May injure foliage on some varieties.

PEARS — To control codling moth, fruit tree leaf roller, pear psylla, plum curculio and red banded leaf roller, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 1 day before harvest. May cause injury on Bosc pears under certain conditions in the Northeast.

PEACHES — For spider mites, oriental fruit moth, and plum curculio, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 7 days before harvest.

PLUMS and PRUNES — For mealy aphids, use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

STRAWBERRIES — To control spider mites and aphids use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

FIELD CROPS — Dosages given are of 1 acre in sufficient water for 100 gallons. Usually a minimum of 20 gallons.

CLOVER-ALFALFA — To control a leafhopper, spider mites, alfalfa weevil, and spotted knothole, use 1/2 pint. Do not apply to clover in bloom. Do not apply with harvest or pasturing. Make repeat applications as needed.

BARLEY, CORN, OATS, WHEAT, RYE — In 1 to 2 gallons of water per 1,000 sq. ft. control cereal leaf beetle, English grain aphid, armyworms, young grasshoppers, use sufficient water to cover 1 acre. Make application on barley, oats, wheat and rye at harvest or forage use. No application within 5 days of harvest or forage use.

STORED GRAIN CONTROL — To control flour beetle, saw-toothed grain beetle, flour beetle, rusty grain beetle, rice weevil, lesser grain borer, Indian meal moth, and flat grain beetle apply 1 pint in 2-5 gallons of water per 1,000 bushel of grain. Apply as grain is loaded or turned into final storage.

APPLICATION IN STORAGE BINS — in 1 to 2 gallons of water per 1,000 sq. ft. of uninfested grain. Apply evenly over and immediately after grain in load age. Repeat if necessary; as a residue on walls, floors and machinery, grain elevators, box cars and ships' holds before grain, apply 1 gallon in 25 gallons of water thorough application. Before applying to storage area thoroughly. Remove sweepings and debris.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product or the results to be obtained. Buyer assumes responsibility for the use and handling of this material and for any damage or loss resulting from use and or handling is contrary to label instructions.

CAUTION

Harmful if swallowed, inhaled or absorbed. Avoid prolonged breathing or contact with skin. Avoid repeated or prolonged contact with skin. Wash with soap and water after use. Wash clothing with soap and water before re-use. Avoid contamination of feed and water. Keep out of reach of children and animals. Never re-use containers, destroy empty containers. This product is toxic to fish. Keep away from streams and ponds.

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ACTIVE INGREDIENTS:

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VEGETABLE APPLICATIONS

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CUCUMBERS, SQUASH and MELONS — For aphids and spider mites use 1 teaspoonful. Do not apply to cucurbits unless plants are dry, and not later than 1 day before harvest.

EGGPLANT — Use 1 teaspoonful for aphids and spider mites. For lace bugs use 3 teaspoonfuls. Do not apply later than 3 days before harvest.

LETTUCE, SPINACH — For aphids and leafhoppers use 2 teaspoonfuls. Do not apply later than 14 days before harvest. 7 days for Head Lettuce and Spinach.

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POTATOES — For aphids and leafhoppers use 1 teaspoonful.

TOMATO — For aphids and spider mites use 1 teaspoonful. Do not apply later than 3 days before harvest.

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PEACHES — For spider mites, oriental fruit moth, and plum curculio, use 2 teaspoonfuls in 1 gallon of water. Do not apply later than 7 days before harvest.

PLUMS and PRUNES — For mealy plum aphids, use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

STRAWBERRIES — To control spider mites and aphids use 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest.

FIELD CROPS — Dosages given are for coverage of 1 acre in sufficient water for good coverage. Usually a minimum of 20 gallons.

CLOVER-ALFALFA — To control aphids, potato leafhopper, spider mites, alfalfa weevil larvae and spring bug, use 1/2 pint. Do not apply to alfalfa or clover in bloom. Do not apply within 7 days of harvest or pasturing. Make repeat applications as needed.

BARLEY, CORN, OATS, WHEAT, RYE — To control in 1 to 2 gallons of water per 1,000 sq. feet of clean cereal leaf beetle, English grain aphid, greenbugs, armyworms, young grasshoppers, use 1/2 pints in sufficient water to cover 1 acre. Make no application on barley, oats, wheat and rye within 7 days of harvest or forage use. No application on corn within 5 days of harvest or forage use.

STORED GRAIN CONTROL — To control red flour beetle, saw-toothed grain beetle, confused flour beetle, rusty grain beetle, rice weevil, granary weevil, lesser grain borer, Indian meal moth and flat grain beetle apply 1 pint in 2-5 gallons water per 1,000 bushel of grain. Apply as grain is being loaded or turned into final storage.

APPLICATION IN STORAGE BINS — Use 1/2 pint in 1 to gallons of water per 1,000 sq. feet of clean uninfested grain. Apply evenly over the surface and immediately after grain is loaded into storage. Repeat if necessary; as a residual spray on walls, floors and machinery, grain elevators, truck beds, box cars and ships' holds before loading grain, apply 1 gallon in 25 gallons water making a thorough application. Before application clean storage area thoroughly. Remove and burn all sweepings and debris.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with the skin. Wash with soap and water after using Malathion. Wash clothing with soap and water before re-use. Avoid contamination of feed and foodstuffs. Keep out of reach of children and domestic animals. Do not re-use containers, destroy them when empty. This product is toxic to fish. Keep out of lakes, streams and ponds.

MANUFACTURED BY
IVERDALE CHEMICAL COMPANY
CHICAGO HEIGHTS, ILLINOIS

ACCEPTED
JUNE 11, 1970
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