

CAUTION

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin; wash thoroughly after using. Avoid contamination of feed and food-stuff.

Do not use or store near heat or open flame. Protect from temperatures below 0°F.

NOTE TO PHYSICIANS: Malathion may cause cholinesterase inhibition. Atropine is antidotal.

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.

ENVIRONMENTAL CAUTIONS:

This product is toxic to fish, shrimp, crab and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff



MALATHION E-8

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE BOOKLET FOR ADDITIONAL CAUTIONS AND DIRECTIONS.

ACTIVE INGREDIENTS:

Malathion*	82.00%
Xylene	1.60%

INERT INGREDIENTS:	16.40%
Total	100.00%

*O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate
1 gallon contains 8 pounds of malathion.

EPA Reg. No. 148-590

CG 8-75

EPA Est. No. 148-CA-1



THOMPSON-HAYWARD
CHEMICAL COMPANY

P O. BOX 2383, KANSAS CITY, KANSAS 66110

is likely to occur. Do not apply w areas treated. Do not contaminate w of wastes. Shrimp and crab may be on this label. Do not apply where t product only as specified on this label

This product is highly toxic to bees on crops. Protective information m Agricultural Extension Service.

Rinse equipment and containers and crop area away from water supplies. ing holes in them and burying wi smoke).

Keep pesticide in original container food or drink containers.

Store in cool, dry place.

Caution: On Citrus, Grapes, Nectari re-enter fields to engage in any ac treated foliage for 1 day (24 hours) t



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is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. 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.

Rinse equipment and containers and dispose of wastes by burying in a non-crop area away from water supplies. Containers should be disposed by punching holes in them and burying with wastes, or by burning (keep out of smoke).

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers.

Store in cool, dry place

Caution: On Citrus, Grapes, Nectarines and Peaches do not allow workers to re-enter fields to engage in any activity requiring substantial contact with treated foliage for 1 day (24 hours) following application.

TOMATOES 1 gal. 1/2 oz. 25 oz. 1/2 oz. rates 3 for 10 oz. rate.

INDOOR

FLIES

WATER BEETLES

WATER BEETLE LARVAE

WHEELERS

ROGGS

BEEF CATTLE

POULTRY

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

OUTDOORS Mosquitoes and Small Flying Insects

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

OUTDOOR ADULT MOSQUITO CONTROL

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

FLY CONTROL

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

PROTECTION OF STORED GRAINS

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

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RESIDUAL SPRAY

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

RESIDUAL SPRAY - BOXCARS FOR LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

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... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

FOREST PESTS

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EASTERN PINES

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.

RED PINE

... 1 gallon water per 100-150 bushels of grain. For control above plus 0.5 oz. of Malathion per 100 bushels of grain. Apply spray to the water in the troughs and a part of the grain. Repeat application as necessary.




MALATHION E-8

Keep Out of Reach of Children
CAUTION

SEE FRONT PANEL FOR
ADDITIONAL CAUTIONS AND DIRECTIONS
DO NOT USE FOR R. SPILL OR
STORE NEAR HEAT OR
OPEN FLAME

EPA Reg. No. 142-8-801 CG 8-75

 **THOMPSON-HAYWARD
CHEMICAL COMPANY**
P.O. BOX 2381 KANSAS CITY, KANSAS 66110

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED GROUND APPLICATION Vegetable and Field Crops—30 to 250 gal.

Cotton—3 to 20 gal/acre. Deciduous Fruit Crops—60 to 800 gal/acre. Citrus—10 to 2000 gal/acre. Ornamental Fruit Plants—Use 1 gal/acre at 15 gal/acre water per acre. When recommended for AIR APPLICATION Field Crops—10 to 20 gal/acre. Orchard Crops—10 to 20 gal/acre.

Rate of application should be based on the amount of water applied.

**Apply at least 15 gal/acre for 15 gal/acre water per acre. For 30 gal/acre water per acre, apply 30 gal/acre.

ALFALFA (0) 15-20 oz. per acre for aphids, leafhoppers, armyworms, grasshoppers, cutworms, and beet beetles. Spider mites. Spotted wilt. Control of aphids: 10 oz. per acre for control of aphids. 15 oz. per acre for control of armyworms. For control of beet beetles apply to alfalfa in bloom only in the evening or early morning.

ALMONDS (0) 10-15 oz. per 100 gallons for peach twig borer. 10-20 oz. per 100 gallons for aphids and leafhoppers. Apply to almond trees 15-20 oz. per acre to almond trees.

APPLES (3)** 10 oz. per 100 gallons for control of bud moth. Earlobe scale. 20 oz. per 100 gallons for control of codling moth, plum curculion, leafminer, leafroller. 10-15 oz. per 100 gallons for control of aphids. (Woods apple, apple, rose apple, and other species.) 10-20 oz. per 100 gallons for control of leafminer. Malicious injury to Malus and other species of Malus does not apply for Malus species.

GRAPES (3) 15 oz. per acre for European grape vine moth, grape leaf miner, grapevine scale, grapevine leafhopper. May include Ribes, Hairy Currant, and Arbutus varieties. If applied after leafhoppers appear, 20-30 oz. per acre for vine weevil and grape phylloxera. Spray should be applied every 7 to 15 minutes for 10 to 15 minutes during bloom.

GRASS AND GRASS HAY (0) 15-20 oz. per 15 gal/acre of water for leafhoppers, grasshoppers, cutworms, and armyworms.

GRASS (BARNGRASS, CANARY GRASS, FESCUE, ORCHARD GRASS, RED TOP, TIMOTHY, YELLOW FOXTAIL) (0) 15-15 oz. per acre for control of beet.

HONEYDEWS (1) 15 oz. per acre for spider mites. 20 oz. per acre for leafhoppers, beetles.

HOPS (10) 10 oz. per acre for grasshoppers.

KALE (7) 10-20 oz. per acre for Apple and Pear Hooper, imported grape worm.

KOHLRABI (7) 10-20 oz. per acre for leafhoppers.

LEEK (3) 10-20 oz. per acre for aphids. 20 oz. per acre for control of leafminer. Do not apply to the soil.

LENTILS (3) 15 oz. per acre for control of wireworm.

LESPEDEZA (0) 15-20 oz. per acre for control of grasshopper.

LETTUCE (Leaf 14, Head 7) 10 oz. per acre for aphids. 10-20 oz. per acre for control of grasshopper.

LOGANBERRIES (1) 15 oz. per acre for Japanese beetle, leafhoppers, mites. 10 oz. per acre for aphids in spring.

LUPINES (0) 15-20 oz. per acre for control of aphid.

APPLES (DORMANT AND DELAYED DORMANT SPRAYS) 10 oz. plus 1 gal. on superior oil spray. Woods apple, green apple, rose apple, and other species. Make full coverage spray for superior dormant sprays only.

APRICOTS (7)** 15-20 oz. per 100 gallons for control of peach twig borer and leafhoppers.

ASPARAGUS (1) 15-20 oz. per acre for thrips, cutworms, and leafhoppers.

AVOCADOS (7) 15-20 oz. per 100 gallons for green scale, black scale, citrus black fly, and other species. May be applied to other woody plants.

BARLEY (7) 10-15 oz. per acre for cereal leaf miner. 15 oz. per acre for aphids, grasshoppers, and cutworms. Do not apply for armyworms.

BEANS (1) 20 oz. per acre for aphids, cucumber beetle. 15-20 oz. per acre for Japanese beetle. 15 oz. per acre for Mexican bean beetle. 10-15 oz. per acre for mites. For vicia beans in the Pacific Northwest and the Northwest use 15-20 oz. per acre for control of equipment. 15 oz. per acre in 10 gallons for equipment.

BEETS (7, if tops are to be used as feed) 15-20 oz. per acre for aphids.

BLACKBERRIES (1) 15 oz. per acre for Japanese beetle, leafhoppers, mites. 10 oz. per acre for aphids, rose scale.

BLUEBERRIES (1) 10 oz. per acre for Strawberry Bark (Northwest) for leafminer, mite. 15 oz. per acre for Japanese beetle.

BOYSENBERRIES (1) 15 oz. per acre for Japanese beetle, leafhoppers, mites. 10 oz. per acre for aphids, rose scale.

MACADAMIA NUTS (0) 15 oz. per 100 gallons for green scale. Do not use more than 15 percent of Macadamia nuts in application to macadamia nut trees. May be applied during harvest.

MELONS (1) 15 oz. per acre for aphids, spider mites. 20 oz. per acre for cucumber beetle.

MINT (7) 15 oz. per acre for control of aphid, grasshopper, leafhoppers, spider mites.

MUSKMELONS (1) 15 oz. per acre for aphids, spider mites. 20 oz. per acre for cucumber beetle.

MUSTARD GREENS (7) 10-20 oz. per acre for aphid. Do not apply to control of leafminer. Do not apply to control of leafminer.

NECTARINES (7) 10-20 oz. per 100 gallons for control of peach twig borer.

OATS (7) 10-15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper. Do not apply to control of grasshopper.

OKRA (1) 15 oz. per acre for control of grasshopper.

ONIONS (3) 15 oz. per acre for control of grasshopper.

PAPAYAS (0) 15-20 oz. per acre for control of leafminer.

PARSLEY (2) 10-15 oz. per acre for control of grasshopper.

PARSNIPS (7) 15-20 oz. per acre for control of grasshopper.

PASTURE AND RANGE GRASS (0) 15-20 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper. Do not apply to control of grasshopper.

PEACHES (7)** 15 oz. per acre for control of peach twig borer. Do not use more than 15 percent of Peach in application to peach trees. May be applied during harvest.

BROCCOLI (7) 10-20 oz. per acre for control of cabbage looper*. Imported cabbage worm*. Do not apply for caterpillars.*

*For best results, combine with other recommended insecticides.

BRUSSELS SPROUTS (7) 15-20 oz. per acre for control of cabbage looper*. Imported cabbage worm*. Do not apply for caterpillars.*

*For best results, combine with other recommended insecticides.

CABBAGE (7) 10-20 oz. per acre for control of cabbage looper*. Imported cabbage worm*.

*For best results, combine with other recommended insecticides.

CANTALOUPE (1) 15 oz. per acre for aphids, spider mites. 20 oz. per acre for cucumber beetle.

CARROTS (7) 15-20 oz. per acre for aphids. 25 oz. per acre for leafhoppers.

CELERY (7) (Ause for fresh stalks and stalks only. Do not use on crops grown for seed and oil) 15 oz. per acre for aphids, spider mites.

CHERRIES (3) 10 oz. per 100 gallons for bud moth, cherry fruit fly, Japanese beetle. 15 oz. per 100 gallons for black cherry aphid, fruit tree beetle, roller.

CITRUS (7) (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, and Tangelos) 10-15 oz. per 100 gallons for black scale. Control of scale, citrus black fly, purple scale, soft scale, yellow scale. 15 oz. per 200 gallons for thrips. 20 oz. per 100 gallons for Florida red scale, purple scale.

CLOVER (0) 15 oz. per acre for control of armyworm. 15-20 oz. per acre for control of grasshopper, cutworm, and armyworm. Do not apply to control of grasshopper.

PEANUTS (0) 15 oz. per acre for control of grasshopper.

PEARS (1)** 10-20 oz. per 100 gallons for control of pear stem borer. 20 oz. per 100 gallons for control of moth, fruit tree beetle, pear stem borer, and pear stem borer.

PEAS (7, if vines are used as animal feed; 3 if vines are not used as animal feed) 15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper.

PECANS (0) 10-20 oz. per acre for control of grasshopper.

PEPPERS (3) 10-20 oz. per acre for control of grasshopper. 10-20 oz. per acre for control of grasshopper.

PLUMS (3) 10-20 oz. per 100 gallons for control of plum stem borer. 20 oz. per 100 gallons for control of moth, fruit tree beetle, plum stem borer, and plum stem borer.

POTATOES (0) 15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper.

PRUNES (3) 10-20 oz. per 100 gallons for control of peach twig borer. 20 oz. per 100 gallons for control of moth, fruit tree beetle, plum stem borer, and plum stem borer.

PUMPKINS (3) 15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper.

QUINCES (3) 10-20 oz. per 100 gallons for control of grasshopper. 10-20 oz. per 100 gallons for control of grasshopper.

RASPBERRIES (1) 15 oz. per acre for control of Japanese beetle. 10 oz. per acre for control of aphids.

COLLARDS (7) 10-20 oz. per acre for control of cabbage looper*. Imported cabbage worm*. Do not apply for caterpillars.*

*For best results, combine with other recommended insecticides.

CORN FIELD SWEET POPS (5) 10-15 oz. per acre for control of grasshopper.

COTTON (0) 15-20 oz. per acre for control of grasshopper. 15-20 oz. per acre for control of grasshopper.

COWPEA HAY (0) 15-20 oz. per acre for control of grasshopper.

CUCUMBERS (1) 15 oz. per acre for aphids, spider mites. 20 oz. per acre for cucumber beetle.

DANDELIONS (7) 10-20 oz. per acre for control of grasshopper.

DEWBERRIES (1) 15 oz. per acre for control of Japanese beetle, leafhoppers, mites. 10 oz. per acre for aphids, rose scale.

EGGPLANT (3) 10 oz. per acre for control of bud moth. 30 oz. per acre for black fly.

ENDIVE (7) 15-20 oz. per acre for control of grasshopper.

FIGS (3) 40 oz. plus 1.2 gal. of insecticide for control of fig moth. 100 oz. per acre for control of fig moth.

FILBERTS (0) 10 oz. per 100 gallons for control of scale, citrus black fly, purple scale, soft scale, yellow scale. 15 oz. per 200 gallons for thrips. 20 oz. per 100 gallons for Florida red scale, purple scale.

GARLIC (3) 15-20 oz. per acre for control of grasshopper.

GRAIN SORGHUM (7) 15 oz. per acre for control of grasshopper.

RICE (7) 10-15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper. 20 oz. per acre for control of grasshopper. 48 oz. per acre for control of grasshopper.

RUTABAGAS (3) 10-20 oz. per acre for control of grasshopper.

RYE (7) 15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper.

SAFFLOWER (3) 10-20 oz. per acre for control of grasshopper.

SALSIFY (7) 10-20 oz. per acre for control of grasshopper.

SHALLOTS (3) 10-20 oz. per acre for control of grasshopper.

SOYBEANS (3) 15 oz. per acre for control of grasshopper. 15 oz. per acre for control of grasshopper.

SPINACH (7) 10-20 oz. per acre for control of grasshopper.

SQUASH (1) 15 oz. per acre for aphids, spider mites. 20 oz. per acre for cucumber beetle.

STRAWBERRIES (3) 15 oz. per acre for control of Strawberry Bark (Northwest) for leafminer, mite. 15 oz. per acre for Japanese beetle.

SUGAR BEETS (3) 15-20 oz. per acre for control of grasshopper.

SWEET POTATOES (3) 15-20 oz. per acre for control of grasshopper.

SWISS CHARD (7) 10-20 oz. per acre for control of grasshopper.

TOBACCO (7) 10-20 oz. per acre for control of grasshopper.