



Standard Brand Malathion 5-E is a water emulsifiable spray concentrate insecticide and miticide.

DIRECTIONS

For proper mixing, the spray tank should be at least 3/4 filled with water before Malathion 5-E formulation is added. Mechanical agitation or recirculation through the pump by-pass to the tank is usually sufficient for maintaining a good dispersion. Rinse empty container with water and drain into spray tank—repeat twice more.

APPLICATION: For ground applications on the crops listed, the specified amounts of the emulsifiable liquid should be applied in sufficient water for good coverage, usually 25 to 50 gallons of water per acre. Applications by aircraft should be made in 2 to 10 gallons of water per acre. Do not make applications when winds exceed 5 miles per hour.

Repeat applications should be made as needed unless otherwise indicated.

Consult your State Experiment Station as to the timing of applications.

NOTE: The U.S. Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates, and do not apply closer to harvest than specified. Interval (days) between last application and harvest or grazing indicated in parentheses after crop name.

FIELD and FORAGE CROPS:

ALFALFA (0): Aphids, potato leaf beetle, spider mites, alfalfa weevil larvae, spittlebug, grasshoppers, spotted alfalfa aphid and lygus bugs—1 1/2 to 2 pints. Clover leaf weevil—1 1/2 pints (apply in spring when alfalfa is 2-6 in. tall); Pea aphid—1 pint. Armyworms—2 pints (make full coverage application when larvae are small). Note: Apply to alfalfa in bloom only in the evening or early morning when bees are not working in the field or are not hanging on outside of hives.

CLOVER (0): Aphids, mites, grasshoppers, leafhoppers—1 1/2 to 2 pints. Clover leaf weevil—1 1/2 pints. Apply in spring when clover is 2-6 in. tall.

COTTON (0): Boll weevil, desert spider mite, cotton aphid, leafhoppers, white flies, cotton leafworm, brown cotton leafworm, cotton leaf perforator, thrips and lygus bugs—1 to 2 quarts. Fleahoppers—1 to 1 1/2 pints. Fall armyworms, grasshoppers, garden webworms—1 1/2 to 3 pints. Note: For control of worms and weevils, Malathion 5-E should be used in combination with other recommended insecticides.

GRAIN CROPS—Barley, Oats, Wheat (7): Cereal leaf beetle—1 to 1 1/2 pints. English grain aphid, greenbugs, grasshoppers (make full coverage to hatching areas when nymphs are young)—1 1/2 pints.

PEANUTS (30): Thrips—1 1/2 pints.

SOYBEANS (3): Mexican bean beetle—2 1/2 to 3 pints.

TOBACCO (7): Aphids—1 1/2 to 2 1/2 pints. Use maximum dosage in plant bed.

VETCH (7): Pea aphid, vetch bruchid, omniverous leaf tier—1 1/2 to 2 pints.

FRUIT:

APPLES (3): Woolly Apple Aphid, Bud Moth, Forbes Scale—1 pint. Tent Caterpillars—1 to 1 1/2 pints. Mealybug—1 to 2 pints. Green Apple Aphid, Rosy Apple Aphid—1 1/2 pints. Codling Moth, plum curculio, red-banded leaf roller—2 pints. Maximum allowable dosage is 1 1/2 gallons per acre. Note: May cause injury to McIntosh and Cortland varieties.

APRICOTS (7): Codling moth, orange tortrix, terrapin scale, soft brown scale aphids—1 1/2 to 2 pints.

AVOCADOS (7): Latania scale, greenhouse thrips, omniverous looper, orange tortrix, soft brown scale—1 1/2 pints.

CITRUS—Grapefruit, lemons, limes, oranges, tangerines, tangelos, kumquats (7): Florida red and purple scales (light and medium infestations)—2 pints. Thrips—3/4 pint. Maximum allowable dosage is 2 gal. per acre.

PEACHES (7): Oriental fruit moth, plum curculio, terrapin scale, cottony peach scale—2 pints. Green peach aphid, black cherry aphid, black peach aphid, rusty plum aphid, Japanese beetle—1 pint.

STRAWBERRIES (3): Aphids, spider mites—1 1/2 pints. Lygus bug, spittle bugs, field crickets, thrips—1 1/2 to 3 pints. Potato leafhopper, strawberry leafroller, white flies—1 1/2 to 2 1/2 pints.

STANDARD BRAND

MALATHION

5-E

(Contains 5 pounds of Malathion per gallon)

ACTIVE INGREDIENTS	By Weight
Malathion*	57.0%
Aromatic Petroleum Derivative Solvents	30.0%
INERT INGREDIENTS	13.0%
	100.0%

*O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinate.

CAUTION

KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after handling. Do not contaminate food or feed products. Keep container closed and away from heat, sparks and open flame.

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.

This product is toxic to fish. Keep out of lakes, streams, ponds. Do not apply where runoff 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. Apply this product only as specified on this label.

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME

Do not store at temperatures below freezing, as such low temperatures may be harmful to this product.

NET CONTENTS — GALLONS



Lakeland, Florida

Manufactured By

STANDARD SPRAY and chemical company

Columbia, Alabama

ORNAMENTALS:

Thorough, full-coverage applications should be made and repeated as necessary. Oyster shell scale, lace bug—1 pint. Euonymus scale—1 to 1 1/2 pints. Aphids, mealybugs, spider mites, whitefly, four-lined leaf bug, Japanese beetle (adult), potato leafhopper, tarnished plant bug, thrips, rose leafhopper, European pine shoot moth, scurfy scale—1 1/2 pints. Birch leafminer, boxwood leafminer, bagworms, tent caterpillar, azalea scale, pine leaf scale, magnolia scale, Fletcher scale and Juniper scale (apply when scale crawlers have settled on foliage), Florida red scale—2 pints.

CAUTION: Avoid use on certain ferns, including Boston, Maidenhair and Pteris, as well as on some species of Crassula.

VEGETABLES

PEAS—Lima, green, snap, navy, red kidney, wax, cowpeas, black-eyed peas (1): Mexican bean beetle—1 1/2 pints. Spider mites—1 to 1 1/2 pints. Japanese beetle (make 2 or more applications as needed) 1 1/2 to 2 pints. Aphids, cucumber beetle—2 pints.

BROCCOLI and TURNIPS (3), CABBAGE and MUSTARD (7): Aphids, cabbage looper and imported cabbage worm—1 to 2 pints. Maximum allowable dosage is 4 pints per acre.

BRUSSELS SPROUTS, COLLARDS, KOHLRABI (7); PARSLEY (21): Aphids—1 1/2 to 2 pints.

CELERY (7): Aphids, spider mites—1 1/2 pints.

ENDIVE (7): Aphids, mites—1 1/2 to 2 pints.

LETTUCE (leaf—14 days; Head—7 days): Leafhoppers, aphids—2 pints.

SPINACH (7): Aphids—2 pints.

CORN (Field, Sweet and Pop) (5): Aphids, sap beetle, thrips—1 1/2 pints.

CUCURBITS:

CUCUMBERS (1): Aphids, spider mites, pickleworm—1 1/2 pints.

MELONS (Cantaloupes, Casabas, Crenshaws, Honeydews, Honey ball, Muskmelons, Persians, Watermelons and Hybrids of these) (1): Aphids, spider mites—1 1/2 pints.

PUMPKINS (3): Aphids, mites—1 1/2 pints.

SQUASH (1): Aphids, spider mites—1 1/2 pints. Pickleworm—2 pints.

EGGPLANT (3): Aphids, spider mites—1 pint. Lace bug—3 pints.

OKRA (do not apply after pods have started to form): Aphids—1 1/2 pints.

ONIONS (3): Thrips—1 1/2 pints. Onion maggots—2 1/2 pints.

PEPPERS (3): Aphids—1 pint. Pepper maggots—2 1/2 pints.

POTATOES (0): Aphids, leafhoppers, mealybug—1 pt. False chinch bug—1 1/2 pt.

ROOT CROPS:

BEETS (7 if tops are to be used as feed): Aphids—1 1/2 to 2 pints.

CARROTS (7): Aphids—1 1/2 to 2 pints. Leafhoppers—2 1/2 pints.

HORSERADISH, PARSNIPS, RADISHES, SALSIFY (7): Aphids—1 1/2 to 2 pints.

RUTABAGAS (3): Aphids—1 1/2 pints.

SWEET POTATOES (3): Leafhoppers—1 1/2 to 2 pints. Morning-glory leafminers—2 1/2 to 3 pints.

TOMATOES (outdoor) (1): Spider mites—1 1/2 pints. Aphids—1 pint. Drosophila—2 1/2 pints.

CONTAINER DISPOSAL — DO NOT RE-USE CONTAINER

Rinse empty container with water and drain into spray tank. Repeat twice more. Punch holes in top and bottom of container; crush; bury at least 18 in. deep in an isolated area away from water supplies.

NOTICE: Seller warrants that the 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, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.

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