

ACCEPTED

FEB 26 1973

UNDER THE FEDERAL INSECTICIDE FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 715-12 SUBJECT TO ATTACHED COMMENTS.

DIRECTIONS FOR USE

Pour the required amount of this material through screen into partially filled spray tank with agitator running. Keep agitator running while mixing and spraying. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result.

NOTE: Do not combine emulsifiables with wettable powders in the same spray tank since they may not be compatible.

COMPATIBILITY

Field experience to date indicates that Malathion 5-E is compatible with commonly used insecticides and fungicides such as lead arsenate, methoxychlor, mineral oil, ferbam, glyodin, captan, tri-basic copper sulfate, sulfur zineb, and ziram. Residual toxicity may be reduced when combined with alkaline materials.

NOTICE: Follow directions carefully. Timing and method of application, weather and crop condition, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

CONSULT YOUR STATE AGRICULTURAL AUTHORITIES FOR TIMING OF APPLICATIONS AND OTHER RECOMMENDED USES.

RECOMMENDATIONS

Unless otherwise indicated dosages on this label are in pints of Malathion 5-E to use in 100 gallons of dilute spray. Thorough, full coverage applications should be made. Two or more applications may be needed for effective control. Repeat as necessary.

(SEPARATE PARAGRAPH)

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.

(SEPARATE PARAGRAPH)

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

FRUITS AND NUTS

APPLE: Woolly Apple Aphid, Bud Moth, Forbes Scale 1 pt.

Green Apple Aphid, Rosy Apple Aphid 1 1/2 pt.

Mealybug, European Red Mite, Clover Mite, Two Spotted Mite 1 to 2 pt.

Codling Moth, Plum Curculio, Red Banded Leaf Roller 2 pt.

(Malathion 5-E may cause injury on McIntosh and Cortland in summer sprays).

PEAR: Mites, Pear Psylla, Mealybug 1 to 2 pt.

Codling Moth, Plum Curculio, Fruit Tree Leaf Roller, Red Banded Leaf Roller 2 pt.

(Malathion 5-E may cause injury to Bosc pears in Northeast).

PEACH: Oriental Fruit Moth, Plum Curculio 2 pt.

PLUM and PRUNE: Mealy Plum-Aphid 1 pt.

Plum Curculio 1 to 1 1/2 pt. plus 2 1/2 lb. 50% Methoxychlor

STRAWBERRY: Aphids, Spider Mites 1 1/2 pt.

PECAN: Spider Mites, Aphids 1 1/2 to 2 pt.

Do not apply to apple, pear, plum, prune or strawberry within 10 days of harvest; to peach within 14 days of harvest. If combined with methoxychlor do not apply within 30 days of harvest; 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 codling moth, apple maggot, oriental fruit moth, or plum curculio, apply at petal fall and every 10 to 14 days thereafter until control is achieved.

GAL. NET

ROYAL BRAND

MALATHION 5-E

(Contains 5 lb. Malathion per Gallon)

ACTIVE INGREDIENTS:

Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate) 55.3%

Aromatic Hydrocarbons 39.7%

INERT INGREDIENTS 5.0%

CAUTION!

KEEP OUT OF REACH OF CHILDREN!

AN EMULSIFIABLE LIQUID FOR USE IN WATER AS AN INSECTICIDAL SPRAY

Harmful if swallowed, or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Keep out of the reach of children and domestic animals. Wash thoroughly with soap and water after using. Avoid contamination of feed and foodstuffs. MALATHION, upon repeated or prolonged careless use, may cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid. Atropine is antidotal.

DO NOT REUSE CONTAINER. DESTROY WHEN EMPTY.

PROTECT FROM TEMPERATURES BELOW 40 degrees F.

Southern Agricultural Chemicals, Inc.

KINGSTREE, S. C.

E.P.A. Reg. No. 3743-152

Best Available copy

3743-152

2-26-73

1 of 2

VEGETABLES

- TOMATO: Spider Mites 1½ pt.
- Aphids 1 pt.
- PEA: Pea Aphid 1½ pt.
- BEAN: Mexican Bean Beetle 1½ pt.
- Spider Mites 1 to 1½ pt.
- CABBAGE, BROCCOLI, KALE, MUSTARD,
TURNIPS: Aphids, Imported Cabbage
worm, Cabbage Looper 1 to 2 pt.
- CUCUMBER, SQUASH, MELON: Aphids,
Spider Mites 1½ pt.
- (Do not apply to cucurbit unless plants are dry).
- EGGPLANT: Aphids, Spider Mites 1 pt.
- Lace Bug 3 pt.
- PEPPERS: Aphids 1 pt.
- BEET: Aphids 1½ to 2 pt.
- POTATO: Aphids 1 pt.

Do not apply to peas, beans, tomato, cabbage, broccoli, kale, mustard, turnips, potato 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 CUCURBITS, SQUASH & MELONS WITHIN ONE WEEK OF HARVEST.*
Apply spray at rate of one gallon per 1000 square ft. on painted surfaces and 2 gals. per 1000 square ft. on unpainted surfaces where flies alight or congregate. In most cases, adding molasses or sugar to the spray prolongs the insecticidal activity of malathion and serves as a fly attractant.

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

FLIES: For Use in and Around Buildings Which House Domestic Animals, Around Yards, and Around Barns.

ORNAMENTALS

Thorough, full coverage applications should be made and repeated as necessary.

- Oyster Shell Scale, Lace Bug 1 pt.
- Euonymus Scale 1 to 1½ pt.
- Aphids, Mealy bugs, Spider Mites,
Whitefly 1½ pt.
- Four-Lined Leaf Bug, Japanese Beetle
(adult), Potato Leafhopper 1½ pt.
- Tarnished Plant Bug, Thrips, Rose
Leafhopper 1½ pt.
- European Pine Shoot Moth, Scurfy
Scale 1½ pt.
- Birch Leafminer, Boxwood Leafminer,
Bagworms 2 pt.
- Tent Caterpillar, Azalea Scale, Pine Leaf
Scale, Magnolia Scale 2 pt.
- Fletcher Scale (Apply when scale crawlers
have settled on foliage) 2 pt.
- Juniper Scale (Apply when scale crawlers
have settled on foliage) 2 pt.
- Florida Red-Scale 2 pt.

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

Straight Malathion spray	Malathion Sprays		Malathion Bait Sprays		
	Amount of Malathion 5-E	Amount of Bait spray	Amount of Malathion 5-E	Sugar (or)	Unsulphurized Molasses or Corn Syrup
2½ gal.	1 cup	2½ gal.	1 cup	1 cup	1 cup
12 gal.	1 qt.	12 gal.	1 qt.	2½ lb.	1 qt.
100 gal.	2 gal.	100 gal.	2 gal.	20 lb.	2 gal.

2 of 2