

9-2
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DIRECTIONS FOR USE

For ground applications on the crops listed, unless otherwise noted, use the specified amounts of Malathion E-5 in sufficient water for good coverage, usually 10 to 15 gallons per acre. Applications by aircraft should be made in 3 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. When applicable, observe the interval in days between last application and harvest.



CROP	PESTS	DOSAGE PER 100 Gal. Water	REMARKS
<u>APPLES</u>	Aphids *Spider Mites	1 to 2 pints 1 to 2 pints	Make one or more applications as needed. Use at least 2 applications 10 to 12 days apart during summer months. Do not apply later than 3 days before harvest. Do not exceed 6 applications per season.
<u>PEARS</u>	*Pear Psylla *Spider Mites	1 to 2 pints 1 to 2 pints	Make one or more applications as needed. Use at least 2 applications 10 to 12 days apart during summer months. Do not apply later than 1 day before harvest. Do not exceed 5 applications per season.
<u>GRAPES</u>	Grape Leafhopper *Spider Mites	1 1/2 pints 1 1/2 pints	Emulsion may cause injury to foliage on some varieties. Do not apply later than 3 days before harvest.
<u>ORNAMENTALS</u>	Cyster Shell Scale Black Scale Crawlers Soft Brown Scale Juniper Scale Fletcher Scale Monterey Pine Scale Aphids, Thrips, Whitefly *Spider Mites, Lygus Mealy Bugs, Leafhopper	1 pint 2 1/4 pints 2 1/4 pints 2 pints 2 pints 2 1/4 pints 1 1/2 pints	} Make a thorough full coverage. Spray after the crawlers have settled on the foliage. Apply as needed.
CROP	PESTS	DOSAGE PER ACRE	REMARKS
<u>COTTON</u>	Aphids, *Spider Mites	1 to 1 1/2 pints	
<u>ALFALFA</u>	Aphids *Spider Mites	1 1/2 to 2 pints	Do not apply when plant is in bloom. Do not apply within 7 days of harvest or pasturing.
<u>PEAS</u>	Pea Aphid	1 1/2 pints	Do not apply later than 3 days before harvest.
<u>POTATOES</u>	Aphids	1 pint	
<u>BEANS</u>	Mexican Bean Beetle *Spider Mites	1 1/2 pints 1 to 1 1/2 pints	Do not apply later than 1 day before harvest.
<u>CABBAGE, BROCCOLI, KALE, MUSTARD, TURNIP</u>	Aphids Cabbage Looper Cabbage Worm	1 to 2 pints	Make no application to broccoli or turnips within 3 days of harvest or other cole crops within 7 days of harvest.
<u>TOMATOES</u>	Aphids, *Spider Mites	1 1/2 pints	Make no applications on tomatoes later than 1 day before harvest.

ACTIVE INGRED
Malathion*
Aromatic Pe
INERT INGREDIE

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*MALATHION E-5 is not suggested for control of phosphate resistant mites or pear psylla.

OAK BROOK
FRE

9-24-69
4581-59

Net Contents Gallon

MALATHION E-5

56% EMULSIFIABLE LIQUID

CONTAINS 5 LBS. MALATHION PER GALLON

COMPOSITION

ACTIVE INGREDIENT:

Malathion*

56.0%

Aromatic Petroleum Distillates

39.0%

INERT INGREDIENT

5.0%

TOTAL

100%

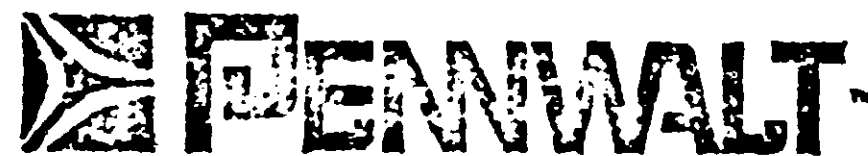
*O,O—dimethyl dithiophosphate of diethyl mercaptosuccinate

CAUTION

KEEP OUT OF REACH OF CHILDREN

See Specific Caution Statements on Side Panel

USDA Registration No. 4581-59



AGRICULTURAL CHEMICALS

TACOMA, WASHINGTON

OAK BROOK, ILL.

MONTGOMERY, ALA.

BRYAN, TEXAS

FRESNO, CALIF.

PHILADELPHIA, PA.

HORN FLY CONTROL—on beef cattle, apply a complete cover spray of 2 gallons Malathion E-5 in 100 gallons water. Repeat applications as needed. Do not apply to lactating dairy animals. Do not treat calves under 1 year of age. Avoid contamination of feed, food containers and watering troughs.
FLY CONTROL—For the reduction of flies in and around buildings and around animals (including dairy barns), around yards, corrals, and city dumps, mix 2 gal. Malathion E-5 in 100 gal. water. Apply the spray to the areas where flies alight or congregate, such as walls, ceilings, stanchions, and around garbage cans, etc.

For a bait spray use 2 gal. Malathion E-5 with 2 gal. unsulfurized kerosene or 20 lb. sugar per 100 gal. water.

Do not apply in areas accessible to babies and small children. Do not apply to milking equipment, feed or drinking water.

CHICKEN MITES—Roost Paint—Mix 1 1/2 cups Malathion E-5 with 5 gallons of kerosene. Apply 1 pint of this mixture to every 150 feet of roost. Do not apply when roosts are being cleaned. Do not apply directly to birds. Avoid contamination of feed and water.

CAUTION

Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid repeated contact with skin; wash thoroughly after using. Avoid contact with foodstuffs.

Highly toxic to fish. Do not contaminate any body of water. Avoid cleaning of equipment or disposal of wastes and containers.

This product is highly toxic to bees exposed to direct treatment or contact. Protective information may be obtained from your Cooperative Agricultural Agent.

Do not re-use empty container. Destroy by burying in a safe place.

NOTICE

Pennwalt Corporation warrants that this material conforms to the claims on the label and is reasonably fit for the purposes referred to in the Directions of Use. The user assumes the risks referred to therein. Pennwalt Corporation makes no other warranty, including any other express or implied warranty of FITNESS FOR USE, MERCHANTABILITY, and no agent of Pennwalt Corporation is authorized to do so. This warranty is a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential damages, such as loss of profits or values.

MADE IN U.S.A.

8-9950-10

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Net Contents Gallon

MALATHION E-5

6% EMULSIFIABLE LIQUID

CONTAINS 5 LBS. MALATHION PER GALLON

COMPOSITION

Distillates	56.0%
	39.0%
	5.0%
TOTAL	100%

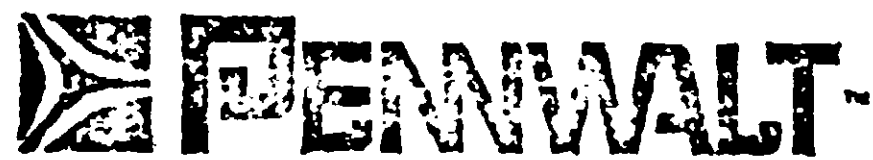
dimethyl dithiophosphate of diethyl mercaptosuccinate

CAUTION

OUT OF REACH OF CHILDREN

Specific Caution Statements on Side Panel

USDA Registration No. 4581-59



AGRICULTURAL CHEMICALS

TACOMA, WASHINGTON

MONTGOMERY, ALA.

BRYAN, TEXAS

PHILADELPHIA, PA.

LIF.

HORN FLY CONTROL—on beef cattle, apply a complete cover spray containing 1 to 1½ gallons Malathion E-5 in 100 gallons water. Repeat applications at two-week intervals if needed. Do not apply to lactating dairy animals. Do not treat calves under one month of age. Avoid contamination of feed, food containers and watering troughs.

FLY CONTROL—For the reduction of flies in and around buildings which house domestic animals (including dairy barns), around yards, corrals, and city dumps, apply a spray containing 2 gal. Malathion E-5 in 100 gal. water. Apply the spray to thoroughly wet surfaces where flies alight or congregate, such as walls, ceilings, stanchions, fences, manure piles, and around garbage cans, etc.

For a bait spray use 2 gal. Malathion E-5 with 2 gal. unsulfurized molasses or corn syrup or 20 lb. sugar per 100 gal. water.

Do not apply in areas accessible to babies and small children. Do not contaminate milk, milking equipment, feed or drinking water.

CHICKEN MITES—Roost Paint—Mix 1½ cups Malathion E-5 with 5 gallons of water. Paint 1 pint of this mixture to every 150 feet of roost. Do not apply when birds are in house. Do not apply directly to birds. Avoid contamination of feed and water.

CAUTION

Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid prolonged or repeated contact with skin; wash thoroughly after using. Avoid contamination of feed and foodstuffs.

Highly toxic to fish.

Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

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.

Do not re-use empty container. Destroy by burying in a safe place. Do not burn.

NOTICE

Pennwalt Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. Pennwalt Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Pennwalt Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values.

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