

Code: 715

[279-739] 1 of 2

Net Weight  
50 Pounds

# MALATHION 25 SPRAY

## DIRECTIONS FOR USE

Apply the following recommended rate in sufficient water to thoroughly cover one acre. Apply when insects first appear and repeat in a spray schedule or as necessary. Keep spray mixture agitated. For protection of honey bees avoid use if possible during periods when bees are visiting the crops. When necessary to use during such periods, warn bee keepers well in advance to locate hives at a safe distance until one week after application. Observe days interval between last application and harvest indicated by number in ( ) following the crop.

**ALFALFA (0):** Armyworms - Use 3 pounds per acre.

**ALMONDS (0):** Aphids and Peach Twig Borer - Use 3 to 4 pounds per 100 gallons of water. For Peach Twig Borer control apply during the petal fall period and in additional sprays as necessary.

**APPLES (3):** Woolly Apple Aphid, Bud Moth, Rosy Apple Aphid, Mealybug, Forbes Scale, Leafhoppers, Putnam Scale, San Jose Scale, Tentiform Leafminer and Yellow-necked Caterpillar - Use 2 1/2 pounds per 100 gallons of water. For Scale apply when crawlers are present. Codling Moth, Red-Banded Leafroller, Tent Caterpillar and Bagworm - Use 3 pounds per 100 gallons of water. May injure foliage on some varieties.

**APRICOTS (7):** Codling Moth, Orange Tortrix, European Fruit Lecanium Scale, Soft Brown Scale, Aphids - Use 4 pounds per 100 gallons of water.

**AVOCADOS (7):** Latania Scale, Greenhouse Thrips, Omnivorous Looper, Orange Tortrix and Soft Brown Scale - Use 3 pounds per 100 gallons of water.

**BEANS (Lima, Green, Snap, Navy, Red Kidney, Wax, Cowpeas, Blackeyed Peas) (1):** Aphids and Cucumber Beetles - Use 5 pounds per acre.

**BUSHBERRIES (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries) (1):** Thrips and Leafhoppers - Use 2 pounds per acre. Aphids and Rose Scale - Use 7 pounds per acre.

**BRUSSELS SPROUTS (7), COLLARDS (7), EGGPLANT (3), ENDIVE (escarole) (7), HORSE-RADIISH (7), KOHLRABI (7), PARSNIPS (7), RADISHES (7), SALSIFY (7):** Aphids - Use 2 pounds per acre.

**CABBAGE (7), CALE (7), TURNIPS (3), BROCCOLI (3), MUSTARD GREENS (7):** Aphids, Imported Cabbageworm and Cabbage Looper - Use 2 pounds per acre.

**CARROTS (7):** Aphids - Use 2 pounds per acre. Leafhoppers - Use 6 pounds per acre.

**CHERRIES (3):** Black Cherry Aphid, Cherry Fruit Fly, Bud Moth, San Jose Scale and Forbes Scale - Use 2 to 2 1/2 pounds per 100 gallons of water. May injure foliage of some varieties.

**CITRUS (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangelos, Kumquats) (7):** California Red Scale, Yellow Scale, Purple Scale, Black Scale, Soft Scale, Citricola Scale - Use 2 1/2 to 3 1/2 pounds per 100 gallons of water. Green Citrus Aphid - Use 1 to 2 pounds per 100 gallons of water. Do not apply during fruit bloom.

**FILBERTS (0):** Filbert Aphid, Apple Mealybug, Eye-Spotted Bud Moth, Scale Crawler and Tingids - Use 2 pounds per 100 gallons of water.

**GARLIC (3), LEEKS (3), SHALLOTS (3):** Thrips and Aphids - Use 4 pounds per acre.

## INSECTICIDE

EPA REGISTRATION NO. 279-739 AA

ACTIVE INGREDIENT:	BY WT
Malathion	25.00%
INERT INGREDIENTS:	75.00%
	100.00%

0,0-dimethyl dithiophosphate of Diethyl Mercaptosuccinate

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist or dust. Avoid contact with skin. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs.

**NOTE TO PHYSICIANS:** Malathion may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

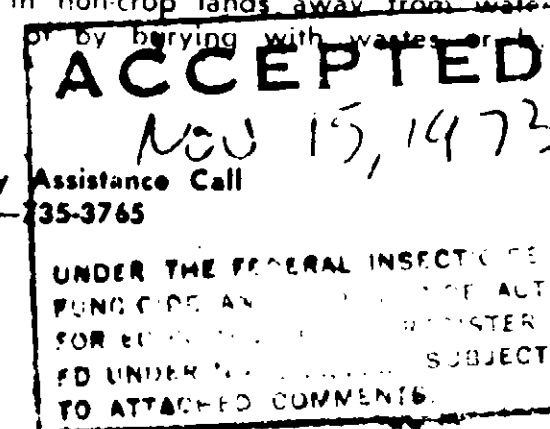
## USAGE CAUTIONS

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

Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur.

**DISPOSE OF WASTES** by burying in non-crop lands away from water supplies. Bag should be disposed of by burying with wastes or burning. Keep out of smoke.



For Emergency Assistance Call  
716-735-3765

**GRAPES (3):** Leafhoppers - Use 1 to 1 1/2 pounds per 100 gallons of water. Injury may occur on Ribler, Italia, Cardinal or Almeri varieties when sprays are applied after clusters appear. Ground application equipment preferred.

**HOPS (7):** Aphids - Use 2 pounds per acre.

**LETTUCE (Leaf - 14, Head - 7):** Aphids and Leafhoppers - Use 4 pounds per acre.

**ONIONS (3):** Thrips - Use 4 pounds per acre. Onion Maggots - Use 6 pounds per acre. Make full coverage application to foliage when flies appear and repeat every 4 days.

**PEACHES (7):** Oriental Fruit Moth - Use 3 pounds per 100 gallons of water. Green Peach Aphid, Black Cherry Aphid, Rusty Plum Aphid, European Fruit Lecanium Scale, Terrapin Scale and Cottony Peach Scale - Use 2 to 2 1/2 pounds per 100 gallons of water. For Scale control apply at completion of hatch about last of June.

**PEARS (1):** Pear Psylla, Mealybug, Codling Moth, Fruit Tree Leafroller, Forbes Scale and San Jose Scale - Use 3 pounds per 100 gallons of water. For Scale control apply when crawlers are present. Apple Aphid and Apple Grain Aphid - Use 2 pounds per 100 gallons of water.

**PECANS (0):** Aphids, Pecan Nut Casebearer, Pecan Leaf Casebearer and Pecan Bud Moth - Use 3 pounds per 100 gallons of water.

**PEPPERS (3):** Aphids - Use 2 pounds per acre. Pepper Maggots - Use 6 pounds per acre.

**PLUMS (3), PRUNES (3):** Mealy Plum Aphid and Bud Moth (Prunes) - Use 2 pounds per 100 gallons of water.

**PUMPKINS (3), SQUASH (1):** Squash Vine Borer and Cucumber Beetles (Squash only) - Use 7 pounds per acre. Apply weekly to stems and vines at base of plants. Do not apply unless plants are dry.

**STRAWBERRIES (3):** Aphids - Use 2 1/2 pounds per acre. Strawberry Root Weevil, Lygus Bug, Spittlebug, Field Crickets, Thrips, Potato Leafhopper, Strawberry Leafroller and Whitefly - Use 4 to 8 pounds per acre.

**SUGAR BEETS (3):** Aphids - Use 5 pounds per acre. Grasshoppers - Use 8 pounds per acre.

**TOMATOES (1):** Aphids and Tomato Russet Mite - Use 2 to 4 pounds per acre. Drosophila - Use 6 pounds per acre.

**CONTROL:** Use at the rate of 40 pounds in 100 gallons of water and apply at the rate of 1 gallon per 1,000 square feet of painted surfaces and 2 gallons per 1,000 square feet of unpainted surfaces in and around buildings which house domestic animals. Remove animals before spraying around yards and homes. Avoid contamination of food, utensils, milk, milk equipment and water. Do not use on white washed surfaces until 14 days after white wash application for greater effectiveness in fly control in and around buildings which house domestic animals, and other agricultural premises, the fly breeding sites such as manure and other waste materials should be eliminated.

**ORNAMENTALS:** Aphids, Spider Mites, Whitefly and Mealybugs - Use 2 1/2 pounds per 100 gallons of water. Soft Brown Scale and Monterey Pine Scale - Use 6 pounds per 100 gallons of water. **CAUTION** - Injury may occur to certain ferns including Boston Maidenhair and Pteris, as well as some species of Cassula. Do not use on Cinnert junipers.

1017-157/100

### DIRECTIONS FOR USE

Apply the following recommended rate in sufficient water to thoroughly cover one acre. Apply when insects first appear and repeat in a spray schedule or as necessary. Keep spray mixture agitated. For protection of honey bees avoid use if possible during periods when bees are visiting the crops. When necessary to use during such periods, warn bee keepers well in advance to locate hives at a safe distance until one week after application. Observe days interval between last application and harvest indicated by number in ( ) following the crop.

- ALFALFA (0):** Armyworms - Use 3 pounds per acre.
- ALMONDS (0):** Aphids and Peach Twig Borer - Use 3 to 4 pounds per 100 gallons of water. For Peach Twig Borer control apply during the petal fall period and in additional sprays as necessary.
- APPLES (3):** Woolly Apple Aphid, Bud Moth, Rosy Apple Aphid, Mealybug, Forbes Scale, Leafhoppers, Putnam Scale, San Jose Scale, Tentiform Leafminer and Yellow-necked Caterpillar - Use 2 1/2 pounds per 100 gallons of water. For Scale apply when crawlers are present. Codling Moth, Red-Banded Leafroller, Tent Caterpillar and Bag-worm - Use 3 pounds per 100 gallons of water. May injure foliage on some varieties.
- APRICOTS (7):** Codling Moth, Orange Tortrix, European Fruit Lecanium Scale, Soft Brown Scale, Aphids - Use 4 pounds per 100 gallons of water.
- AVOCADOS (7):** Latania Scale, Greenhouse Thrips, Omnivorous Looper, Orange Tortrix and Soft Brown Scale - Use 3 pounds per 100 gallons of water.
- BEANS (Lima, Green, Snap, Navy, Red Kidney, Wax, Cowpeas, Blackeyed Peas) (1):** Aphids and Cucumber Beetles - Use 5 pounds per acre.
- BUSHBERRIES (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries) (1):** Thrips and Leafhoppers - Use 2 pounds per acre. Aphids and Rose Scale - Use 7 pounds per acre.
- BROCCOLI (7), BRUSSELS SPROUTS (7), COLLARDS (7), EGGPLANT (3), ENDIVE (escarole) (7), HORSE-RADIISH (7), KOHLRABI (7), PARSNIPS (7), RADISHES (7), SALSIFY (7):** Aphids - Use 2 pounds per acre.
- CABBAGE (7), CAULIFLOWERS (7), TURNIPS (3), BROCCOLI (3), MUSTARD GREENS (7):** Aphids, Imported Cabbageworm and Cabbage Looper - Use 2 pounds per acre.
- CARROTS (7):** Aphids - Use 2 pounds per acre. Leafhoppers - Use 6 pounds per acre.
- CHERRIES (3):** Black Cherry Aphid, Cherry Fruit Fly, Bud Moth, San Jose Scale and Forbes Scale - Use 2 to 2 1/2 pounds per 100 gallons of water. May injure foliage of some varieties.
- CITRUS (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangerines, Kumquats) (7):** California Red Scale, Yellow Scale, Purple Scale, Black Scale, Soft Scale, Citricola Scale - Use 2 to 3 1/2 pounds per 100 gallons of water. Green Citrus Aphid - Use 1 to 2 pounds per 100 gallons of water. Do not apply during full bloom.
- FILBERTS (0):** Filbert Aphid, Apple Mealybug, Eye-Spotted Bud Moth, Scale Crawler and Tingids - Use 2 pounds per 100 gallons of water.
- GARLIC (3), LEEKS (3), SHALLOTS (2):** Thrips and Aphids - Use 3 pounds per acre.

### INSECTICIDE

EPA REGISTRATION NO. 279-739 AA

ACTIVE INGREDIENT:	BY WT.
† Melathion	25.00%
INERT INGREDIENTS:	75.00%
	<hr/> 100.00%

†0,0-dimethyl dithiophosphate of Diethyl Mercaptosuccinate

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist or dust. Avoid contact with skin. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs.

**NOTE TO PHYSICIANS:** Malathion may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### USAGE CAUTIONS

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

Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur.

DISPOSE OF WASTES by burying in non-crop lands, away from water supplies. Bag should be disposed of by burying with wastes or by burning. Keep out of smoke.

For Emergency Assistance Call  
716 35-3765

**ACCEPTED**  
NOV 15 1973  
UNDER THE FEDERAL NEPCO  
P. N. S. S. S.  
FOR B...

**GRAPES** occur c clusters  
**HOPS (**  
**LETTUCE**  
**ONION** acre. M 4 days.  
**PEACH** Peach / Terrapir water.  
**PEARS (** San Jos when c per 100  
**PECANS** Moth -  
**PEPPER**  
**PLUMS** per 100  
**PUMPKI** Use 7 p apply u  
**STRAW** Bug, Sp Whitefly  
**SUGAR** acre.  
**TOMATO** Drosoph  
 per 1,00 domestic  
 contamin  
 white-w  
 ness in  
 agricult  
 should t  
**ORNAM**  
 100 gall  
 100 gall  
 Ma tent  
 0 pers

# INSECTICIDE

EPA REGISTRATION NO. 279-739 AA

ACTIVE INGREDIENT:	BY WT.
†Malathion .....	25.00%
INERT INGREDIENTS: .....	75.00%
	<hr/>
	100.00%

†0,0-dimethyl dithiophosphate of Diethyl Mercaptosuccinate

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist or dust. Avoid contact with skin. Wash thoroughly after handling. Avoid contamination of feed and foodstuffs.

**NOTE TO PHYSICIANS:** Malathion may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### USAGE CAUTIONS

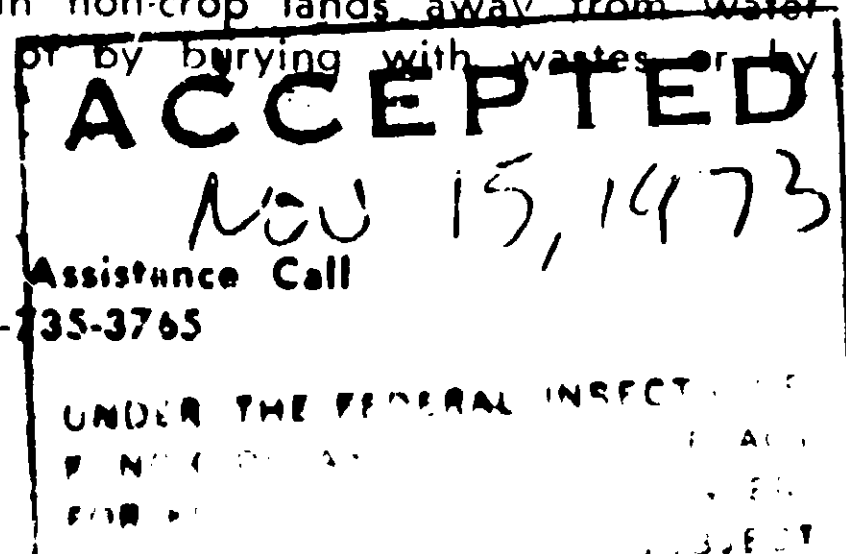
This product is toxic to fish, birds and other wildlife. Keep out of lakes, ponds and streams. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on the label.

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

Do not apply when weather conditions favor drift from the areas treated. Do not apply when run-off is likely to occur.

DISPOSE OF WASTES by burying in non-crop lands away from water supplies. Bag should be disposed of by burying with wastes or by burning. Keep out of smoke

For Emergency Assistance Call  
716--735-3765



**GRAPES (3):** Leafhoppers — Use 1 to 1½ pounds per 100 gallons of water. Injury may occur on Ribler, Italia, Cardinal or Almeria varieties when sprays are applied after clusters appear. Ground application equipment preferred.

**HOPS (7):** Aphids — Use 2 pounds per acre.

**LETTUCE (Leaf - 14, Head - 7):** Aphids and Leafhoppers — Use 4 pounds per acre.

**ONIONS (3):** Thrips — Use 4 pounds per acre. Onion Maggots — Use 6 pounds per acre. Make full coverage application to foliage when flies appear and repeat every 4 days.

**PEACHES (7):** Oriental Fruit Moth — Use 3 pounds per 100 gallons of water. Green Peach Aphid, Black Cherry Aphid, Rusty Plum Aphid, European Fruit Lecanium Scale, Terrapin Scale and Cottony Peach Scale — Use 2 to 2½ pounds per 100 gallons of water. For Scale control apply at completion of hatch, about last of June.

**PEARS (1):** Pear Psylla, Mealybug, Codling Moth, Fruit Tree Leafroller, Forbes Scale and San Jose Scale — Use 3 pounds per 100 gallons of water. For Scale control apply when crawlers are present. Apple Aphid and Apple Grain Aphid — Use 2 pounds per 100 gallons of water.

**PECANS (0):** Aphids, Pecan Nut Casebearer, Pecan Leaf Casebearer, and Pecan Bud Moth — Use 3 pounds per 100 gallons of water.

**PEPPERS (3):** Aphids — Use 2 pounds per acre. Pepper Maggots — Use 6 pounds per acre.

**PLUMS (3), PRUNES (3):** Mealy Plum Aphid and Bud Moth (Prunes) — Use 2 pounds per 100 gallons of water.

**PUMPKINS (3), SQUASH (1):** Squash Vine Borer and Cucumber Beetles (Squash only) — Use 7 pounds per acre. Apply weekly to stems and vines at base of plants. Do not apply unless plants are dry.

**STRAWBERRIES (3):** Aphids — Use 2½ pounds per acre. Strawberry Root Weevil, Lygus Bug, Spittlebug, Field Crickets, Thrips, Potato Leafhopper, Strawberry Leafroller and Whitefly — Use 4 to 8 pounds per acre.

**SUGAR BEETS (3):** Aphids — Use 5 pounds per acre. Grasshoppers — Use 8 pounds per acre.

**TOMATOES (1):** Aphids and Tomato Russet Mite — Use 2 to 4 pounds per acre. Drosophila — Use 6 pounds per acre.

**FLY CONTROL:** Use at the rate of 40 pounds in 100 gallons of water and apply at the rate of 1 gallon per 1,000 square feet of painted surfaces and 2 gallons per 1,000 square feet of unpainted surfaces in and around buildings which house domestic animals. Remove animals before spraying around yards and homes. Avoid contamination of food, utensils, milk, milk equipment, and water. Do not use on white-washed surfaces until 14 days after white-wash application. For greater effectiveness in fly control in and around buildings which house domestic animals, and other agricultural premises, the fly breeding sites such as manure and other waste materials should be eliminated.

**ORNAMENTALS:** Aphids, Spider Mites, Whitefly and Mealybugs — Use 2½ pounds per 100 gallons of water. Soft Brown Scale and Monterey Pine Scale — Use 6 pounds per 100 gallons of water. **CAUTION** — Injury may occur to certain ferns including Boston Maidenhair and Pteris as well as some species of Crassula. Do not use on Canada Junipers.

[279-739] 2 of 2



**Dealers Should Sell in Original Packages Only.**

DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROPS OR NONCROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH LABEL DIRECTIONS BECAUSE ANIMAL, PLANT OR CROP INJURY, LEGAL RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

TERMS: FMC warrants that the product is as described on the label and that the product is free from adulteration.

WARRANTY: FMC warrants that the product is as described on the label and that the product is free from adulteration.

EXCLUSIONS: FMC makes no other warranty, express or implied.

DAMAGES: Buyer's sole and exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages. Notice of any claim must be reported to FMC within 30 days of the date of discovery of the damage.

EX-USE FROM NON-CONTROLLABLE CONDITIONS: Buyer's attention is called to the fact that the product is not intended for use in areas where it may be subject to conditions not controllable by FMC. Buyer assumes responsibility for and releases FMC from liability arising out of the handling or use of the product in areas where it may be subject to conditions not controllable by FMC.

**FMC**  
chemicals