

10F4

101-1  
Mar 10 1969

**MITES** on Beans: Use 1/2 teaspoonfuls per gallon of water. Make two or more applications as needed. Make no application on beans within 1 day of harvest.

**CABBAGE LOOPER, IMPORTED CABBAGEWORM and APHIDS** on Cabbage, Broccoli, Kale, Mustard and Turnip: Use 1 to 2 teaspoonfuls per gallon of water. Repeat as necessary for control. Do not apply to these crops within 7 days of harvest.

**BEEBEE and SPIDER MITES** on Brussels Sprouts, Eggplant, Peas, Peppers, Spinach, Tomatoes, Cucumbers, Squash and Melons: Use 1/2 teaspoonfuls per gallon of water. Do not apply to Brussels Sprouts or Spinach within 7 days of harvest or to Eggplant, Peas, Peppers, Tomatoes, Cucumbers, Squash or Melons within 3 days of harvest. Do not apply to Cucumbers, Squash or Melons unless plants are dry or injury may result.

**PICKLEWORM, SPIDER MITES, and APHIDS** on Cucumbers, Squash, and Melons: Use 1/2 teaspoonfuls per gallon of water. Repeat applications as necessary. Do not apply within 1 day of harvest. Do not apply to plants while they are wet or injury may result.

**HOUSEHOLD INSECTS**

To control **ROACHES, ANTS, SPIDERS, SILVERFISH, CRICKETS, CLOVERMITES and EARWIGS** in and about homes, dairies and food processing plants. Dilute 1 part Malathion 5-E with 19 parts of water. 3/4 tablespoonfuls per quart of water and apply by means of a coarse spray or paint brush to window sills, baseboards, under sinks, stoves and to other places frequented by insects. Repeat applications as necessary. **CAUTION:** Malathion is poisonous to fish. Do not apply to finished surfaces. Do not use on plants.

**DISPOSAL WARNING:** Dispose of this pesticide and container in a safe place. Never reuse container.

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8 OUNCES

**MALATHION 5-E**

EMULSIFIABLE LIQUID

**ACTIVE INGREDIENTS:**

Malathion ..... 56.1  
Aromatic petroleum derivative solvent ..... 35.2

**INERT INGREDIENTS:**

J. S. D. A. Reg. No. 759-154 TOTAL 91.3  
10-(9-dimethyl dithiophosphate of diethyl mercaptosuccinate)

**CAUTION:** KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed and foodstuffs. Keep container closed and away from heat and open flame.

**PROTECT WILDLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**NOTICE:** The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label.

**Woolfolk Chemical Works, Ltd.** 361118  
**Manufacturers Ft. Valley, Ga.**

**DIRECTIONS**

**ORNAMENTALS**

**OYSTER SHELL SCALE, LACE BUG:** Use 1 teasp. per gallon of water.

**EUONYMUS SCALE, APHIDS, MEALYBUGS, SPIDER MITES, FOUR-LINED LEAF BUG, WHITEFLY, NINE SPOTTED BEETLE ADULT, POTATO LEAFHOPPER, FINISHED PLANT BUG, THRIPS, ROSE LEAFHOPPER, EUROPEAN PINE SHOOT MOTH and SCURFY**

Use 1 1/2 teaspoonfuls of Malathion 5-E per gallon of water.

**BOXWOOD LEAFMINER, BAGWORMS, TENT CATERPILAR, PINE LEAF SCALE, AZALEA SCALE, MAJESTIC SCALE, FLORIDA RED SCALE, OAK WORMS, CHERRY SCALE and UNIPER SCALE:** Use 2 teasp. per gallon of water.

**BLACK SCALE CRAWLER, MONTEREY PINE SCALE and SOFT SCALE:** Use 2 1/2 teasp. of Malathion 5-E per gallon.

**PINE NEEDLE SCALE:** Use 4 teaspoonfuls per gallon. Make full coverage sprays and repeat applications as necessary to control scale insects and mealybugs. Make applications from mid-summer when crawlers are active. Repeat application in two weeks if necessary. To control spider mites and whitefly make two applications 10 days apart. **NOTE:** Injury may occur if Malathion is applied to ferns and some species of crassula.

**VEGETABLES**

Spray for thorough coverage. In the garden approximately 2 q. a. spray will be required per 50 ft. of row. Repeat applications as necessary. **MEXICAN BEAN BEETLE, LEAFHOPPERS,**



2 of 4

max 10

Eggplant, Peas, Peppers, Tomatoes, Cucumbers, Squash or Melons within 3 days of harvest. Do not use on Cucumbers, Squash or Melons unless plants are dry or injury may result.

**ANIMALS**

**BEEF CATTLE:** Lice - Use 1 pint to 12 gallons of water. Make a complete coverage spray. Repeat application only if needed. Ticks - Use 1 to 2 pints in 12 gallons of water. Horn Fly - Use 1 to 1 1/2 pints in 12 gallons of water. Make a complete coverage spray. Repeat applications at two week intervals if needed. Back Rubbers - For reduction of lice and horn flies on beef cattle, apply a 2% Malathion mixture in form of a dilution of 1 to 33 or 4 fluid ounces per gallon to the back-rubbing device. Make devices continuously accessible to animals - 1 to each 35 to 45 head. Retreat every 2 to 3 weeks. Do not apply Malathion to lactating dairy animals or calves under one month old.

**SWINE:** Lice - Use 1 pint in 12 gallons of water. Make a complete coverage spray to animals, pens, and litter. Repeat application only if needed.

**POULTRY** Chickens, Ducks, Geese, and Turkeys: For control of Northern Fowl Mite, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mite, mix 2 tablespoons of Malathion 5-E per gallon of water and apply at the rate of 1 gallon to 100 to 150 birds. Repeat in 4 to 8 weeks or when necessary. **POULTRY HOUSES** - To control Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies, mix 4 tablespoonfuls of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, roosts, nests, and adjacent areas, taking care to force the spray into all cracks and crevices. To control Poultry Ticks, mix 6 to 7 ounces of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat applications as necessary. **ROOST PAINT** - To control Chicken Red Mite and Poultry Lice, mix 4 tablespoonfuls per gallon of water. Brush on as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. **Avoid contamination of feed, feeding troughs and watering troughs.**

**HOUSEHOLD INSECTS**

To control **ROACHES, ANTS, SPIDERS, SILVERFISH, CRICKETS, CLOVER-MITES and EARWIGS,** in and about homes, dairy and food processing plants. Dilute 1 part of Malathion 5-E with 19 parts of water (3 1/2 tablespoonfuls per quart of water) and apply by means of a coarse spray or paint brush to window sills, baseboards, under sinks, stoves and to other places frequented by insects. Repeat applications as necessary. **CAUTION:** May stain finished surfaces. Do not contaminate food or utensils.

NET CONTENTS



ONE QUART

**MALATHION 5-E  
EMULSIFIABLE LIQUID**

**Contains 5 lbs. Malathion Per Gallon**

**ACTIVE INGREDIENTS:**

Malathion ..... 56.1%  
Aromatic petroleum derivative solvent ..... 35.2%

**INERT INGREDIENTS:** ..... 3.7%

U. S. D. A. Reg. No. 769-154 TOTAL 100.0%

\*0, 0-dimethyl dithiophosphate of diethyl mercaptosuccinate

**CAUTION! KEEP OUT OF REACH OF CHILDREN.**

Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed and foodstuffs. Keep away from heat and open flame.

**PROTECT WILDLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**NOTE TO PHYSICIANS:** Malathion, upon repeated prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

**DISPOSAL WARNING**

Dispose of waste pesticide and container in a safe place. Never re-use container.

**NOTICE**

The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label. 361113

**WOOLFOLK CHEMICAL WORKS, LTD.**

**Manufacturers**

**Fort Valley, Ga.**

**OYSTER SHELL** per gallon of water  
**EUONYMUS**  
**WHITEFLY,**  
**ADULT, POT**  
**THRIPS, ROS**  
and **SCURFY**  
**BOXWOOD LE**  
**EA SCALE, F**  
**RED SCALE,**  
**SCALE:** Use 2  
**BLACK SCAL**  
**SCALE:** Use 2  
**PINE NEEDL**  
coverage sprays a  
To control scale  
when crawlers are  
spider mites and v  
**NOTE:** Injury ma  
crassula.

Spray for thorough  
be required per 50  
**MEXICAN BEA**  
Beans: Use 1 1/2 t  
needed. Make no

**IMPOR D C**  
Mustard and Turn  
sary for control.

**APHIDS and**  
Spinach, Tomatoe  
of water. Do not

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**SECURITY**

ONE QUART

# MALATHION 5-E

## EMULSIFIABLE LIQUID

**Contains 5 lbs. Malathion Per Gallon**

**ACTIVE INGREDIENTS:**

Malathion .....	56.1%
Aromatic petroleum derivative solvent .....	35.2%

<b>INERT INGREDIENTS:</b> .....	8.7%
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U. S. D. A. Reg. No. 769-154	TOTAL	100.0%
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\*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate

### CAUTION! KEEP OUT OF REACH OF CHILDREN.

Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed and foodstuffs. Keep away from heat and open flame.

**PROTECT WILDLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**NOTE TO PHYSICIANS:** Malathion, upon repeated prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

**DISPOSAL WARNING**

Dispose of waste pesticide and container in a safe place. Never re-use container.

**NOTICE**

The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label. 861118

## WOOLFOLK CHEMICAL WORKS, LTD.

Manufacturers

Fort Valley, Ga.

## DIRECTIONS

### ORNAMENTALS

**OYSTER SHELL SCALE, LACE BUG:** Use 1 teaspoonful of Malathion 5-E per gallon of water.

**EUONYMUS SCALE, APHIDS, MEALYBUGS, SPIDER MITES, WHITEFLY, FOUR-LINED LEAF BUG, JAPANESE BEETLE ADULT, POTATO LEAFHOPPER, TARNISHED PLANT BUG, THRIPS, ROSE LEAFHOPPER, EUROPEAN PINE SHOOT MOTH and SCURFY SCALE:** Use 1½ teaspoonfuls of Malathion 5-E per gallon of water.

**BOXWOOD LEAFMINER, BAGWORM, TENT CATERPILLAR, AZALEA SCALE, PINE LEAF SCALE, MAGNOLIA SCALE, FLORIDA RED SCALE, OAK KERMES, FLETCHER SCALE and JUNIPER SCALE:** Use 2 teaspoonfuls per gallon of water.

**BLACK SCALE CRAWLERS, MONTEREY PINE SCALE and SOFT SCALE:** Use 2½ teaspoonfuls of Malathion 5-E per gallon of water.

**PINE NEEDLE SCALE:** Use 4 teaspoonfuls per gallon of water. Make full coverage sprays and repeat applications as necessary.

To control scale insects and mealybugs make applications from mid-spring to summer when crawlers are active. Repeat application in two weeks if necessary. To control spider mites and whitefly make two applications 7 to 10 days apart.

**NOTE:** Injury may occur if Malathion is applied to certain ferns and some species of brassica.

### VEGETABLES

Spray for thorough coverage. In the garden approximately 2 quarts of dilute spray will be required per 50 feet of row. Repeat applications as necessary.

**MEXICAN BEAN BEETLE, LEAFHOPPER, and SPIDER MITES** on Beans: Use 1½ teaspoonfuls per gallon of water. Make two or more applications as needed. Make no application on beans within 1 day of harvest.

**IMPORTED CABBAGE WORM and APHIDS** on Cabbage, Broccoli, Kale, Mustard and Turnip: Use 1 to 2 teaspoonfuls per gallon of water. Repeat as necessary for control. Do not apply to these crops within 7 days of harvest.

**APHIDS and SPIDER MITES** on Brussel Sprouts, Eggplant, Peas, Peppers, Spinach, Tomatoes, Cucumbers, Squash and Melons: Use 1½ teaspoonfuls per gallon of water. Do not apply to Brussel Sprouts or Spinach within 7 days of harvest or to

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**SECURITY**

1 GALLON

# MALATHION 5-E

## EMULSIFIABLE LIQUID

**CONTAINS 5 LBS. MALATHION PER GALLON**

**ACTIVE INGREDIENTS:**

*Malathion .....	56.1%
Aromatic petroleum derivative solvent .....	35.2%
<b>INERT INGREDIENTS:</b> .....	8.7%

U. S. D. A. Reg. No. 769-154	TOTAL	100.0%
*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate		

### CAUTION! KEEP OUT OF REACH OF CHILDREN.

If swallowed. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed or foodstuffs. Keep container closed and away from heat and open flame.

**EFFECT WILDLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**WARNING TO PHYSICIANS:** Malathion, upon repeated prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

**DISPOSAL WARNING:** Dispose of waste pesticide and container by burying in non-crop land away from water courses. Never re-use container.

**DISCLAIMER - Disclaimer of Warranty, Merchantability and Liability** - If for any reason this product is not used, applied, stored, transported or disposed of in accordance with the instructions set forth on this label and thereafter Woolfolk Chemical Works, Ltd. terminates, ends and excludes all warranties, expressed or implied, including the warranty of merchantability and fitness. 461118

## WOOLFOLK CHEMICAL WORKS, LTD.

Manufacturers

Fort Valley, Ga.

## DIRECTIONS

### ORNAMENTALS

**OYSTER SHELL SCALE, LACE BUG:** Use 1 pint of Malathion 5-E per 100 gallons of water (1 teaspoonful per gallon of water).

**EUONYMUS SCALE, APHIDS, MEALYBUGS, SPIDER MITES, WHITEFLY, FOUR-LINED LEAF BUG, JAPANESE BEETLE ADULT, POTATO LEAFHOPPER, TARNISHED PLANT BUG, THRIPS, ROSE LEAFHOPPER, EUROPEAN PINE SHOOT MOTH and SCURFY SCALE:** Use 1½ pints of Malathion 5-E per 100 gallons of water.

**BOXWOOD LEAFMINER, BAGWORMS, TENT CATERPILLAR, AZALEA SCALE, PINE LEAF SCALE, MAGNOLIA SCALE, FLORIDA RED SCALE, OAK KERMES, FLETCHER SCALE and JUNIPER SCALE:** Use 2 pints of Malathion 5-E per 100 gallons of water (2 teaspoonfuls per gallon of water).

**BLACK SCALE CRAWLERS, MONTEREY PINE SCALE and SOFT SCALE:** Use 2½ pints of Malathion 5-E per 100 gallons of water.

**PINE NEEDLE SCALE:** Use 4 pints of Malathion 5-E per 100 gallons of water (4 teaspoonfuls per gallon of water). Make full coverage sprays and repeat applications as necessary.

To control scale insects and mealybugs make applications from mid-spring to summer when crawlers are active. Repeat application in two weeks if necessary. To control spider mites and whitefly make two applications 7 to 10 days apart.

NOTE: Injury may occur if Malathion is applied to certain ferns and some species of crassula.

### VEGETABLES

Spray for thorough coverage. In the garden approximately 2 quarts of dilute spray will be required per 50 feet of row. Repeat application as necessary.

**MEXICAN BEAN BEETLE, LEAFHOPPER, SPIDER MITES** on Beans: Use 1½ pints per 100 gallons of water. Make two or more applications as needed. Make no application on beans within 1 day of harvest.

**IMPORTED CABBAGE WORM and APHIDS** on Cabbage, Broccoli, Kale, Mustard and Turnip: Use 1 to 2 pints per 100 gallons of water. Repeat as necessary for control. Do not apply to these crops within 7 days of harvest.

**APHIDS and SPIDER MITES** on Brussel Sprouts, Eggplant, Peas, Peppers, Spinach, Tomatoes, Cucumbers, Squash and Melons: Use 1½ pints per 100 gallons of water. Do not apply to Brussel Sprouts or Spinach within 7 days of harvest or to Eggplant, Peas, Peppers, Tomatoes, Cucumbers, Squash or Melons within 3 days of harvest. Do not apply to Cucumbers, Squash or Melons unless plants are dry or injury may result.

**ONION THRIPS** on Onions: Use 1½ pints per acre in sufficient water for coverage. Repeat applications as necessary for control. Consult local agricultural authorities for proper timing of applications. Do not apply to green, spring or bulb onions within 3 days of harvest.

**PICKLEWORM, SPIDER MITES and APHIDS** on Cucumbers, Squash and Melons: Use 1½ pints per acre. Repeat applications as necessary. Do not apply within 1 day of harvest. Do not apply to plants while they are wet or injury may result.

### FRUITS

**PEACHES and PLUMS:** Oriental Fruit Moth and Plum Curculio - Use 2 pints per 100 gallons of water. Apply at petal-fall and shuck-off and in cover sprays as directed by local spray schedules. Do not exceed 1½ gallons of Malathion 5-E per acre. Do not apply within 7 days of harvest.

**STRAWBERRIES:** Aphids and Spider Mites - Use 1½ pints per 100 gallons of water. Make thorough application and repeat as necessary for control. Do not apply within 3 days of harvest.



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AC  
10/19/51

SECURITY

# MALATHION 5-E

## EMULSIFIABLE LIQUID

**CONTAINS 5 LBS. MALATHION PER GALLON**

**ACTIVE INGREDIENTS:**

\*Malathion ..... 56.1%  
Aromatic petroleum derivative solvent ..... 35.2%

**INERT INGREDIENTS:**

..... 8.7%

J. S. D. A. Reg. No. 769-154 TOTAL 100.0%  
\*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate

**CAUTION! KEEP OUT OF REACH OF CHILDREN.** Harmful if

swallowed. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed and foodstuffs. Keep container closed and away from heat and open flame.

**PROTECT AIRLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**NOTE TO PHYSICIANS:** Malathion, upon repeated, prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

**DIRECTIONS**  
**VEGETABLES**

**TOBACCO**

**APHIDS:** Use 1 to 1½ pints per acre in sufficient water for good coverage. Repeat applications as necessary. Do not apply within 7 days of harvest.

**ANIMALS**

**BEEF CATTLE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray. Repeat application only if needed. Ticks - Use 1 to 2 gallons per 100 gallons of water. Horn Flies - Use 1 to 1½ gallons per 100 gallons of water. Make a complete coverage spray. Repeat applications at two-week intervals if needed. Back-Rubbers - For reduction of lice and horn flies on beef cattle, apply a 2% Malathion mixture in fuel oil (a dilution of 1 to 33, or 4 fluid ounces per gallon) to the back rubbing device. Make devices continuously accessible to animals, 1 to each 35 to 45 head. Retreat every 2 to 3 weeks. Do not apply Malathion to lactating dairy animals or calves under one month old.

**SWINE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray to animals, pens, and litter. Repeat application only if needed.

**POULTRY** (Chickens, Ducks, Geese, and Turkeys): For control of Northern Fowl Mite, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mite, mix 2 tablespoons of Malathion 5-E per gallon of water and apply at the rate of 1 gallon to 100 to 150 birds. Repeat in 4 to 8 weeks or when necessary. **POULTRY HOUSES** - To control Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies, mix 4 tablespoonfuls of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, roosts, nests, and adjacent areas, taking care to force the spray into all cracks and crevices. To control Poultry Ticks, mix 6 to 7 ounces of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat applications as necessary.

In dairy barns use 5 ounces of Malathion 5-E per 100 gallons of water. As a spot treatment for flies on stanchions, support beams, doors, and windows. For control of Fly Maggots in manure, mix 1 ounce of Malathion 5-E per 100 gallons of water. Repeat as necessary. For control of Fly Maggots in bedding, mix 1 ounce of Malathion 5-E per 100 gallons of water. Repeat as necessary for control of areas such as manure and other areas. **NOTE:** Do not apply Malathion 5-E to poultry from buildings before treatment.

**APPLES and PEARS:** Roller - Use 2 pints per 100 gallons of water. Following local spray schedule, shuck-off and at 10 to 14 day intervals. For control of Apple and Pear Maggots, use 1 ounce of Malathion 5-E per 100 gallons of water. Repeat as necessary. For control of Mealybugs and Mites, such as Two-spotted Mite - Use 1 to 2 ounces of Malathion 5-E per 100 gallons of water. Repeat applications as necessary. For control of Two-spotted Mites, make at 10 to 14 day intervals. **NOTE:** Do not use Malathion 5-E on fruit within 14 days of harvest because injury may result.

# CONTAINS 5 LBS. MALATHION PER GALLON

## ACTIVE INGREDIENTS:

*Malathion .....	56.1%
Aromatic petroleum derivative solvent .....	35.2%

<b>INERT INGREDIENTS:</b> .....	8.7%
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U. S. D. A. Reg. No. 769-154	TOTAL	100.0%
*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate		

## CAUTION! KEEP OUT OF REACH OF CHILDREN. Harmful if

swallowed. Avoid prolonged breathing of spray mist. Avoid repeated or prolonged contact with skin. Wash thoroughly. Avoid contamination of feed and foodstuffs. Keep container closed and away from heat and open flame.

**PROTECT WILDLIFE:** This product is poisonous to fish. Keep out of lakes, ponds and streams.

**NOTE TO PHYSICIANS:** Malathion, upon repeated, prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

## DIRECTIONS VEGETABLES

Spray for thorough coverage. In the garden approximately 2 quarts of dilute spray will be required per 50 feet of row. Repeat application as necessary.

**MEXICAN BEAN BEETLE, SPIDER MITES on BEANS:** Use 1½ pints per 100 gallons of water. Make two or more applications as needed. Make no application on beans within 1 day of harvest.

**IMPORTED CABBAGEWORM and APHIDS** on Cabbage, Broccoli, Kale, Mustard and Turnip: Use 1 to 2 pints per 100 gallons of water. Repeat as necessary for control. Do not apply to these crops within 7 days of harvest.

**APHIDS and SPIDER MITES** on Brussel Sprouts, Eggplant, Peas, Peppers, Spinach, Tomatoes, Cucumbers, Squash and Melons: Use 1½ pints per 100 gallons of water. Do not apply to Brussel Sprouts or Spinach within 7 days of harvest or to Eggplant, Peas, Peppers, Tomatoes, Cucumbers, Squash or Melons within 3 days of harvest. Do not apply to Cucumbers, Squash or Melons unless plants are dry or injury may result.

**ONION THRIPS** on Onions: Use 1½ pints per acre in sufficient water for coverage. Repeat applications as necessary for control. Consult local agricultural authorities for proper timing of applications. Do not apply to green, spring or bulb onions within 3 days of harvest.

**PICKLEWORM, SPIDER MITES and APHIDS** on Cucumbers, Squash and Melons: Use 1½ pints per acre. Repeat applications as necessary. Do not apply to plants while they are wet or injury may result. Do not apply within 1 day of harvest.

Manufacturers

# WOOLFOLK CHEMICAL WORKS, LTD.

## TOBACCO

**APHIDS:** Use 1 to 1½ pints per acre in sufficient water for good coverage. Repeat applications as necessary. Do not apply within 7 days of harvest.

## ANIMALS

**BEEF CATTLE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray. Repeat application only if needed. Ticks - Use 1 to 2 gallons per 100 gallons of water. Horn Flies - Use 1 to 1½ gallons per 100 gallons of water. Make a complete coverage spray. Repeat applications at two-week intervals if needed. Back-Rubbers - For reduction of lice and horn flies on beef cattle, apply a 2% Malathion mixture in fuel oil (a dilution of 1 to 33, or 4 fluid ounces per gallon) to the back rubbing device. Make devices continuously accessible to animals, 1 to each 35 to 45 head. Retreat every 2 to 3 weeks. Do not apply Malathion to lactating dairy animals or calves under one month old.

**SWINE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray to animals, pens, and litter. Repeat application only if needed.

**POULTRY** (Chickens, Ducks, Geese, and Turkeys): For control of Northern Fowl Mite, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mite, mix 2 tablespoons of Malathion 5-E per gallon of water and apply at the rate of 1 gallon to 100 to 150 birds. Repeat in 4 to 8 weeks or when necessary. **POULTRY HOUSES** - To control Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies, mix 4 tablespoonfuls of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, roosts, nests, and adjacent areas, taking care to force the spray into all cracks and crevices. To control Poultry Ticks, mix 6 to 7 ounces of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat applications as necessary. **ROOST PAINT** - To control Chicken Red Mite and Poultry Lice, mix 4 tablespoonfuls per gallon of water. Brush on as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. Avoid contamination of feed, feeding troughs and watering troughs.

## ALFALFA AND CLOVER

**APHIDS, MITES, LEAFHOPPERS and GRASSHOPPERS** on Alfalfa and Clover and **SPITTLEBUG and ALFALFA WEEVIL LARVAE** on Alfalfa: Use 1½ to 2 pints per acre in sufficient water for coverage. Repeat applications as necessary. Do not apply to alfalfa or clover in bloom.

## FLY CONTROL

For control of flies in and around buildings which house domestic animals, around yards, and around homes, use a spray containing 2 gallons of Malathion 5-E per 100 gallons of water. Apply at the rate of 1 gallon to 1000 square feet on painted surfaces and 2 gallons per 1000 square feet to unpainted surfaces. Apply to surfaces where flies alight or congregate such as walls, ceiling, stanchions, windows, fences around garbage cans, etc. Repeat applications as necessary. For bait sprays use 2 gallons of Malathion 5-E plus 2 gallons of unsulfurized molasses or corn syrup or 20 pounds of sugar per 100 gallons of water. If fly population is severe use 3 gallons of Malathion 5-E plus 40 pounds of sugar per 100 gallons of water. For treating floors

in dairy barns use 5 ounces of Malathion 5-E per 100 gallons of water. As a spot treatment on stanchions, support beams, doors, etc. For control of Fly Maggots in manure, mix as suggested above and apply as a dressing or bait spray on the dry bedding with a sprayer. Repeat as necessary for control. In areas such as manure and other waste areas **NOTE:** Do not apply Malathion 5-E to poultry before using Malathion 5-E on poultry from buildings before treating.

**APPLES and PEARS:** Control of Apple and Pear Maggots - Use 2 pints per 100 gallons of water following local spray schedule. Use 1½ pints per 100 gallons of water following shuck-off and at 10 to 14 day intervals. For control of Forbes Scale and Woolly Apple Aphid, use one or more applications as needed. For control of Two-spotted Mite - Use 1½ pints per 100 gallons of water. For control of Mealybugs and Mites, such as European Pear Mite - Use 1 to 2 pints per 100 gallons of water. For control of Two-spotted Mites, make at least two applications within 3 months.

**NOTE:** Do not use Malathion 5-E on apples or pears within 3 days of harvest because injury may result.

**PEACHES and PLUMS:** Control of Peach and Plum Maggots - Use 1½ pints per 100 gallons of water. Apply as directed by local spray schedule. Do not apply within 7 days of harvest.

**STRAWBERRIES:** Aphids and Mites - Use 1½ pints per 100 gallons of water. Make thorough applications within 3 days of harvest.

**GRAPES:** Spider Mites and Mealybugs - Use 1½ pints per 100 gallons of water. Make two or more applications as directed by local spray schedule. Do not use on Ribier grapes.

**PECANS:** Aphids, Nut Casebearer, and Bud Moth - Use 1½ pints per 100 gallons of water. Apply as necessary or as directed by local spray schedule.

**DISPOSAL:** Dispose of waste, empty containers, and spillages. Never reuse containers.

For more information, contact your local Woolfolk Chemical Works representative.

UNDER THE FEDERAL INSECTICIDE ACT



# MALATHION 5-E

## EMULSIFIABLE LIQUID

.....	56.1%
.....	35.2%
.....	8.7%
TOTAL	100.0%

### OUT OF REACH DREN.

Harmful if  
Avoid repeated or prolonged  
contamination of feed and foodstuffs.  
Keep out of lakes,  
Avoid repeated, prolonged careless use,  
Fatal.

NS  
2 quarts of dilute spray will  
necessary.  
on BEANS: Use 1½ pints  
as needed. Make no appli-

on Cabbage, Broccoli, Kale,  
of water. Repeat as necessary

### TOBACCO

**APHIDS:** Use 1 to 1½ pints per acre in sufficient water for good coverage. Repeat applications as necessary. Do not apply within 7 days of harvest.

### ANIMALS

**BEEF CATTLE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray. Repeat application only if needed. Ticks - Use 1 to 2 gallons per 100 gallons of water. Horn Flies - Use 1 to 1½ gallons per 100 gallons of water. Make a complete coverage spray. Repeat applications at two-week intervals if needed. Back-Rubbers - For reduction of lice and horn flies on beef cattle, apply a 2% Malathion mixture in fuel oil (a dilution of 1 to 33, or 4 fluid ounces per gallon) to the back rubbing device. Make devices continuously accessible to animals, 1 to each 35 to 45 head. Retreat every 2 to 3 weeks. Do not apply Malathion to lactating dairy animals or calves under one month old.

**SWINE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray to animals, pens, and litter. Repeat application only if needed.

**POULTRY** (Chickens, Ducks, Geese, and Turkeys): For control of Northern Fowl Mite, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mite, mix 2 tablespoons of Malathion 5-E per gallon of water and apply at the rate of 1 gallon to 100 to 150 birds. Repeat in 4 to 8 weeks or when necessary. **POULTRY HOUSES** - To control Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies, mix 4 tablespoonfuls of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, roosts, nests, and adjacent areas, taking care to force the spray into all cracks and crevices. To control Poultry Ticks, mix 6 to 7 ounces of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat applications as necessary. **ROOST PAINT** - To control Chicken Red Mite and Poultry Lice, mix 4 table-spoonfuls per gallon of water. Brush on as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. Avoid contamination of feed, feeding troughs and watering troughs.

### ALFALFA AND CLOVER

APHIDS MITES LEAFHOPPERS AND GRASSHOPPERS on Alfalfa

in dairy barns use 5 ounces of Malathion 5-E with 1 cup of corn syrup or sugar in 2 gallons of water. As a spot treatment, this mixture can also be applied to windows, stanchions, support beams, doors, etc. Repeat as necessary for control.

For control of Fly Maggots in manure or poultry droppings, use the bait spray suggested above and apply as a drench over the surfaces. In loading sheds, spray the bait spray on the dry bedding within 18 inches of the walls and around upright braces. Repeat as necessary for control. In conjunction with Malathion spraying, fly breeding areas such as manure and other waste products should be eliminated.

**NOTE:** Do not apply Malathion to freshly whitewashed surfaces. Wait 14 days before using Malathion. Do not use this spray in milk rooms. Remove animals and poultry from buildings before treating. Do not use in dwellings.

### FRUITS AND NUTS

**APPLES and PEARS:** Codling Moth, Plum Curculio and Red-Banded Leaf-Roller - Use 2 pints per 100 gallons of water. Repeat as necessary for control following local spray schedule. Usually applications should be made at petal-fall, shuck-off and at 10 to 14 day intervals as long as necessary for control. Bud Moth, Forbes Scale and Woolly Apple Aphid - Use 1 pint per 100 gallons of water. Apply one or more applications as needed. Green Apple Aphid and Rosy Apple Aphid - Use 1½ pints per 100 gallons of water. Repeat application as necessary for control. Mealybugs and Mites, such as European Red Mite, Clover Mite, Willamette Mite and Two-spotted Mite - Use 1 to 2 pints per 100 gallons of water. For Willamette and Two-spotted Mites, make at least two applications 10 to 12 days apart in summer months.

**NOTE:** Do not use Malathion on McIntosh or Cortland varieties within four weeks of harvest because injury may result. Make no application to apples or pears within 3 days of harvest.

**PEACHES and PLUMS:** Oriental Fruit Moth and Plum Curculio - Use 2 pints per 100 gallons of water. Apply at petal-fall and shuck-off and in cover sprays as directed by local spray schedule. Do not exceed 1¼ gallons of Malathion 5-E per acre. Do not apply within 7 days of harvest.

**STRAWBERRIES:** Aphids and Spider Mites - Use 1½ pints per 100 gallons of water. Make thorough applications and repeat as necessary for control. Do not apply



# MALATHION

.....	56.1%
.....	35.2%
.....	8.7%
TOTAL	100.0%

## OF REACH EN.

Harmful if repeated or prolonged of feed and foodstuffs.

Keep out of lakes, prolonged careless use,

parts of dilute spray will dry.

**BEANS:** Use 1½ pints needed. Make no appli-

abbage, Broccoli, Kale, r. Repeat as necessary est.

eggplant, Peas, Peppers, ½ pints per 100 gallons 7 days of harvest or to Melons within 3 days of plants are dry or injury

fficient water for cover- local agricultural autho- n, spring or bulb onions

Cucumbers, Squash and necessary. Do not apply within 1 day of harvest.

## TOBACCO

**APHIDS:** Use 1 to 1½ pints per acre in sufficient water for good coverage. Repeat applications as necessary. Do not apply within 7 days of harvest.

## ANIMALS

**BEEF CATTLE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray. Repeat application only if needed. Ticks - Use 1 to 2 gallons per 100 gallons of water. Horn Flies - Use 1 to 1½ gallons per 100 gallons of water. Make a complete coverage spray. Repeat applications at two-week intervals if needed. Back-Rubbers - For reduction of lice and horn flies on beef cattle, apply a 2% Malathion mixture in fuel oil (a dilution of 1 to 33, or 4 fluid ounces per gallon) to the back rubbing device. Make devices continuously accessible to animals, 1 to each 35 to 45 head. Retreat every 2 to 3 weeks. Do not apply Malathion to lactating dairy animals or calves under one month old.

**SWINE:** Lice - Use 1 gallon per 100 gallons of water. Make a complete coverage spray to animals, pens, and litter. Repeat application only if needed.

**POULTRY** (Chickens, Ducks, Geese, and Turkeys): For control of Northern Fowl Mite, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mite, mix 2 tablespoons of Malathion 5-E per gallon of water and apply at the rate of 1 gallon to 100 to 150 birds. Repeat in 4 to 8 weeks or when necessary. **POULTRY HOUSES** - To control Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies, mix 4 tablespoonfuls of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, roosts, nests, and adjacent areas, taking care to force the spray into all cracks and crevices. To control Poultry Ticks, mix 6 to 7 ounces of Malathion 5-E per gallon of water and apply liberally to walls, ceilings, and adjacent areas, taking care to force the spray into all cracks and crevices. Repeat applications as necessary. **ROOST PAINT** - To control Chicken Red Mite and Poultry Lice, mix 4 table-spoonfuls per gallon of water. Brush on as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary. Avoid contamination of feed, feeding troughs and watering troughs.

## ALFALFA AND CLOVER

**APHIDS, MITES, LEAFHOPPERS and GRASSHOPPERS** on Alfalfa and Clover and **SPITTLEBUG and ALFALFA WEEVIL LARVAE** on Alfalfa: Use 1½ to 2 pints per acre in sufficient water for coverage. Repeat applica-tions as necessary. Do not apply to alfalfa or clover in bloom.

## FLY CONTROL

For control of flies in and around buildings which house domestic animals, around yards, and around homes, use a spray containing 2 gallons of Malathion 5-E per 100 gallons of water. Apply at the rate of 1 gallon to 1000 square feet on painted sur-faces and 2 gallons per 1000 square feet to unpainted surfaces. Apply to surfaces where flies alight or congregate such as walls, ceiling, stanchions, windows, fences around garbage cans, etc. Repeat applications as necessary. For bait sprays use 2 gallons of Malathion 5-E plus 2 gallons of unsulfurized molasses or corn syrup, or 20 pounds of sugar per 100 gallons of water. If fly population is severe use 3 gallons of Malathion 5-E plus 40 pounds of sugar per 100 gallons of water. For treating floors

in dairy barns use 5 ounces of Malathion 5-E with 1 cup of corn syrup or sugar in 2 gallons of water. As a spot treatment, this mixture can also be applied to windows, stanchions, support beams, doors, etc. Repeat as necessary for control.

For control of Fly Maggots in manure or poultry droppings, use the bait spray sug-gested above and apply as a drench over the surfaces. In loading sheds, spray the bait spray on the dry bedding within 18 inches of the walls and around upright braces. Repeat as necessary for control. In conjunction with Malathion spraying, fly breeding areas such as manure and other waste products should be eliminated.

**NOTE:** Do not apply Malathion to freshly whitewashed surfaces. Wait 14 days before using Malathion. Do not use this spray in milk rooms. Remove animals and poultry from buildings before treating. Do not use in dwellings.

## FRUITS AND NUTS

**APPLES and PEARS:** Codling Moth, Plum Curculio and Red-Banded Leaf-Roller - Use 2 pints per 100 gallons of water. Repeat as necessary for control fol-lowing local spray schedule. Usually applications should be made at petal-fall, shuck-off and at 10 to 14 day intervals as long as necessary for control. Bud Moth, Forbes Scale and Woolly Apple Aphid - Use 1 pint per 100 gallons of water. Apply one or more applications as needed. Green Apple Aphid and Rosy Apple Aphid - Use 1½ pints per 100 gallons of water. Repeat application as necessary for control. Mealybugs and Mites, such as European Red Mite, Clover Mite, Willamette Mite and Two-spotted Mite - Use 1 to 2 pints per 100 gallons of water. For Willamette and Two-spotted Mites, make at least two applications 10 to 12 days apart in summer months.

**NOTE:** Do not use Malathion on McIntosh or Cortland varieties within four weeks of harvest because injury may result. Make no application to apples or pears within 3 days of harvest.

**PEACHES and PLUMS:** Oriental Fruit Moth and Plum Curculio - Use 2 pints per 100 gallons of water. Apply at petal-fall and shuck-off and in cover sprays as directed by local spray schedule. Do not exceed 1¾ gallons of Malathion 5-F per acre. Do not apply within 7 days of harvest.

**STRAWBERRIES:** Aphids and Spider Mites, - Use 1½ pints per 100 gallons of water. Make thorough applications and repeat as necessary for control. Do not apply within 3 days of harvest.

**GRAPES:** Spider Mites and Mealybugs - 1½ pints in 50 to 100 gallons of water per acre. Make two or more applications as needed. Do not apply within 3 days of har-vest. Do not use on Ribier grapes because injury may result.

**PECANS:** Aphids, Nut Casebearer, Leaf Casebearer Pecan Phylloxera, Pecan Bud Moth - Use 1¼ pints per 100 gallons of water or 4½ gallon per acre with air-plane. Apply as necessary or as directed by locally issued spray schedule.

## DISPOSAL WARNING

Dispose of waste pesticide and container by burying in non-crop land away from water supplies. Never re-use container.

## NOTICE

The seller makes no implied warranty of merchantability nor any other warranties which extend beyond the description on this label.

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# WOOLFOLK CHEMICAL WORKS, LTD.

## Fort Valley, Ga.