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PRODUCT NO.

284

# CHIPMAN MALATHION 50% LIQUID

CONTENTS  
1 GALLON

For use in the Northeast to control certain mites and insect pests of beans, peas, potatoes, and other vegetables; Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies on poultry farms; and for household use.

**ACTIVE INGREDIENTS**

- Malathion
- Aromatic petroleum derivative

**INERT INGREDIENTS**

Tri-O dimethyl dithiophosphate of diethyl amine

**COMBUSTIBLE MIXTURE** Keep away from heat and open flame. For use in accordance with directions on label.

## CAUTION: Keep Out of Reach of Children

**CAUTION** Harmful if swallowed. Avoid prolonged breathing of spray mist. Avoid prolonged contact with skin or clothing. Wash thoroughly after use. Contaminated clothing should be washed with soap and water before reuse. Avoid contamination of food and foodstuffs. Keep out of reach of children and animals.

Malathion, upon repeated or prolonged or careless use, may cause cholinesterase inhibition. If poisoning occurs, prompt medical aid. Atropine is antidotal. To protect forybirds, do not apply to crops in bloom nor to breeding areas. Highly toxic to fish. Do not contaminate any body of water by direct application, cleaning of equipment, or disposal of wastes and containers.

Malathion is also an effective prophylactic against mites and ticks.

### DIRECTIONS

**BEANS** For aphids, bean beetle, aphids and spruce mites, apply 1 1/2 pints per acre in enough water for thorough coverage, including undersides of leaves. Spray when injury is first noticed. The pests can be controlled much easier when the infestations are light and pests are small. For spruce mites, make a second treatment 10 days after the first. Apply also to control leafhoppers. Wait at least one day after spraying before harvesting beans.

**PEAS** For aphids, apply 1 1/2 to 2 pints per acre in enough water for coverage. Spray from the time the first aphids are noticed in numbers and before serious damage occurs. It is difficult to control the buds and terminal aphids. For aphids with the buds are difficult to reach. A second application may be needed. Do not spray later than 3 days before harvest.

**POTATOES AND TOMATOES** For aphids and mites apply 1 to 2 pints per acre in enough water for coverage of plants, including undersides of leaves. Use the highest rate for severe pest infestation. Spray when injury or pests are first noticed. Applications will also control leafhoppers and whiteflies. Allow at least 1 day between spraying and harvest of tomatoes.

**STRAWBERRIES** For aphids, spider mites and leafhoppers, apply 2 to 3 pints per acre in enough water for good coverage. For potato leafhoppers, strawberry leafhoppers, and whiteflies, apply 1 to 2 pints per acre in enough water for good coverage. Make 1 to 2 coverage applications for severe pest infestations. For strawberry root weevil, apply 2 to 3 pints per acre in enough water for good coverage to soil surface before planting and continue to spray as needed. Do not spray within 10 days of harvest.

**HOUSEHOLD**

**WALLS AND CEILING**

For control of house flies, cockroaches, and other household pests, dilute with 10 parts water. Spray walls and ceiling in kitchen, dining room, and living room. Repeat every 4 to 6 weeks or when necessary.

**POULTRY HOUSES**

For control of Northern Fowl Mite, Chicken Red Mite, Poultry Lice, and House Flies, use 2 1/2 pints per 1,000 sq. ft. of space. For control of house flies, use 1 1/2 pints per 1,000 sq. ft. of space. Dilute with 10 parts water. Spray walls and ceiling of poultry houses. Repeat every 4 to 6 weeks or when necessary.

**POULTRY** (Chickens, Ducks, Geese and Turkeys) Direct Application: For the control of Northern Fowl Mite, Poultry Lice and as a supplement to preventive treatment for Chicken Red Mite, use 1/2 pint per 100 sq. ft. of water, 2 1/2 pints per acre. Apply one application of the diluted mixture per 100 birds. Repeat every 4 to 6 weeks or when necessary.

**Note:** Avoid contamination of feed, feed containers, and water containers with spray.

**FLY CONTROL in and around farm buildings** Mix 2 1/2 pints with 9 1/2 gallons of water and spray to wet surfaces where the greatest concentration of flies occurs, such as walls, ceilings, garbage cans, etc. Use about 1 gal. of spray per 500 sq. ft. of space or 1,000 sq. ft. of painted surface, repeat as needed. Remove contaminated dairy utensils and feed stuffs under 1 month of age from buildings before treating. Avoid contamination of feed, feed containers and watering troughs. Do not use in kitchen or other rooms where food products are handled.

Local conditions may attract the house fly to a particular area. For control of house fly on an experimental station, apply 1 to 2 pints per 1,000 sq. ft. of space. Repeat when necessary.

Follow directions on label. This is a general guide only. For more information, consult your local extension station or contact the manufacturer. Do not use in the use of the product. Do not use in the control of the house fly. Do not use in the control of the house fly. Do not use in the control of the house fly.

### Do NOT Store with Foodstuffs

Chipman  
New Brunswick, N.J.

Agents for  
New Jersey, N.J.

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