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Apply as a spray at the rate of 1 gallon per 1000 square feet on painted surfaces and 2 gallons per 1000 square feet on unpainted surfaces where flies alight or congregate, such as walls, ceilings, stanchions, windows in dairy barns, fences around garbage cans, etc.

For control of fly maggots, apply as a bait spray over the surface of manure or poultry droppings. In feeding sheds, spray the dry bedding within 18 inches of the walls and around upright braces. For effective control in and around dairy barns, fly-breeding sites, such as manure and other waste material, should be eliminated. Do not apply to freshly white-washed surfaces. Wait 14 days before applying.

Repeat applications as necessary. Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, also drinking fountains and feed troughs. Remove lactating dairy animals from buildings before treating. Also remove animals under one month of age before treating.

Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

MOSQUITO CONTROL

Outdoors - Mosquitoes, Flies, and Small Flying Insects: As a spray, dilute 1 part Martin's 57% Malathion 5E with 25 parts water. Tuel on or diesel oil.

Mosquito Larvae in Standing Water (Intermittently Flooded areas, stagnant water, temporary rain pools): Apply Martin's 57% Malathion 5E at the rate of 13 fluid ounces (approximately 1/2 pound of Malathion per acre). Mix in sufficient water or oil when applied by air or ground equipment.

Avoid applying oil-based formulations to valuable ornamental plants as injury may occur. NOTE: Martin's 57% Malathion 5E may cause spotting on automobile paint finish. Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately.

LIVESTOCK

Do not treat animals under 1 month of age. When applying sprays, avoid contamination of feed, food containers and watering troughs.

ANIMAL	Pest	Amount of Martin's 57% Malathion 5E	Remarks
Beef Cattle (also non-lactating dairy animals)	Lice	8 1/2 oz. in 5 gal. water	Repeat application in 10 days and thereafter as needed.
	Ticks	8 1/2-13 oz. in 5 gal. water	Repeat applications at 2 week intervals as needed.
Horses	Hornflies	8 1/2-10 oz. in 5 gal. water	Repeat application at 2 week intervals as needed.
Hogs	Lice	8 1/2 oz. in 5 gal. water	Apply a complete coverage spray to animals, pens and litter. Retreat in 10 days and thereafter as needed. Sprayed hogs should be kept out of sun and wind for a few hours after treatment.
	Sarcopic Mange		

EPA Est. No. 299-TX-1

Animal	Pest	Amount of Martin's 57% Malathion 5E	Remarks
Sheep and Goats	Lice Ticks Keds	8 1/2 oz. in 5 gal. water	Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.

Do not apply to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening.

POULTRY

Poultry Ranges - Chiggers: Apply 1 1/2 pints per acre in sufficient water for good coverage. Treat range thoroughly the day before placing poultry on range. Repeat every 2-3 weeks. Do not contaminate food and watering troughs.

Roost Paint - Chicken Red Mites and Poultry Lice: Mix 2-7 fluid ounces of this material with 1 gallon of water or diesel fuel. Brush this solution on at a rate of 1 pint per 150 feet of roost.

CROP USES

Dosages are given in pints of Martin's 57% Malathion 5E per acre. Mix with sufficient water to provide thorough coverage. Do not apply this product through any type of irrigation system.

Alfalfa, Clover: Alfalfa weevil larvae, aphids, armyworms, clover leaf weevils, grasshoppers, typhus bugs, pea aphids, potato leafhoppers, spider mites, spittlebugs, veich bruchids. 1 1/2-2 pints. Use a higher rate for armyworm control. May be applied on day of harvest or grazing. Do not apply during full bloom.

Beans: Aphids, cucumber beetles, Japanese beetles, Mexican bean beetles, spider mites. 2 1/2 pints. Do not apply within 1 day of harvest.

Grass, Cereal Crops: (Barley, oats, wheat, barn grass, fescue, orchard grass, red top, timothy) Cereal leaf beetles - 1-1 1/2 pints. Do not apply within 7 days of harvest or grazing on barley, oats, and wheat.

Pasture, Range Land: Grasshoppers, leafhoppers, aphids. 1 1/2-2 pints in sufficient water for good coverage or use 1 1/2 pints in 1 gal. of diesel fuel per acre by means of an airplane or turbine-powder sprayer.

Non-Agricultural Lands: (Moss, spruce, red cedar, etc.) Bark louse (not to be grazed) Grasshoppers - 1 1/2-3 pints in sufficient water for good coverage or spray with 1 gallon diesel fuel per acre by means of an airplane or turbine sprayer.

ORNAMENTALS

Dosages given are for use in 100 gallons of dilute spray. Aphids, European pine shoot moths, four-lined leaf bugs, Japanese beetles (adult), mealybugs, millipedes, potato leafhoppers, rose leafhoppers, scurly scales, spider mites, white flies, tarnished plant bugs, thrips, lace bugs, oyster shell scales. 1 1/2 pints.

Azalea scales, bagworms, birch leafminers, boxwood leafminers, Fletcher scales, Florida-red scales, juniper scales, magnolia scales, oak kermes, pine leaf scales, tent caterpillars. 2 pints.

Monterey pine scales. 2 1/2 pints. Pine needle scales. 4 pints.

For oyster shell, Fletcher, juniper, oak kermes, and pine needle scales, apply when scale crawlers have settled on foliage.

CAUTION: Avoid use on certain ferns, including Boston, maidenhair, and stertis, as well as hickory, and crapeola and concert juniper.



PREMIUM GRADE

57% MALATHION 5E

Emulsifiable Concentrate

For Control of ANIMAL AND PLANT PESTS

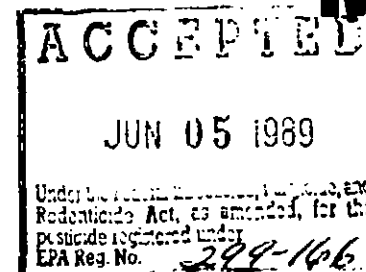
NET CONTENTS: 1 Gallon

CAUTION

SEE SIDE PANEL FOR OTHER CAUTIONS.

ACTIVE INGREDIENTS:
Malathion; 0,0-dimethyl phosphorodithioate
of diethyl mercaptosuccinate 57.0
INERT INGREDIENTS: 43.0
*This product contains Petroleum distillates. TOTAL 100.0

CONTAINS 5 LBS. MALATHION PER GALLON



606 W. Main St.

C. J. Martin Company

BEST AVAILABLE COPY



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PREMIUM GRADE

57% MALATHION 5E

Emulsifiable Concentrate

For Control of ANIMAL AND PLANT PESTS

NET CONTENTS: 1 Gallon

Keep out of reach of children

CAUTION

SEE SIDE PANEL FOR OTHER CAUTIONS.

FIVE INGREDIENTS:

Malathion: 0,0-dimethyl phosphorodithioate	57.00%
1-diethyl mercaptosuccinate	43.00%
NET INGREDIENTS:	
is product contains Petroleum distillates.	TOTAL 100.00%

CONTAINS 5 LBS. MALATHION PER GALLON

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C. J. Martin Company

Nacogdoches, Texas 75963-1089

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water except as specified on this label. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Malathion is a cholinesterase inhibitor. Do not use this product simultaneously with other drugs, insecticides, pesticides, or chemicals having cholinesterase inhibiting activity nor within a few days before or after treating with malathion.

NOTE TO PHYSICIAN

Malathion may cause cholinesterase inhibition. Atropine is an antidote.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE & DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal. Store in original container until used. Do not store, use, or spill near heat or open flame. Keep container tightly closed. Store out of reach of children and domestic animals.
DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.
 Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

STORED GRAINS AND SEEDS

For the protection of stored grains such as wheat, oats, rice, corn, rye, barley, grain sorghum, field or garden seeds against confused flour beetles, rice weevils, granary weevils, saw-toothed grain beetles, flat grain beetles, red flour beetles, rusty grain beetles, lesser grain borers, Indian meal moths and for control of cereal leaf beetles if they are present, apply Martin's 57% Malathion 5E as follows:

GRAINS

Residual Spray - Before Storing: For a residual wall, floor, and machinery spray in grain elevators in treating truck beds, box cars, and ships' holds before loading grain. Apply 1 gallon of Martin's 57% Malathion 5E per 25 gallons of water making a thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

Going Into Storage: Apply 1 pint of Martin's 57% Malathion 5E in 2.5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage.
After Grains Are Stored: To protect stored grains from attack by Indian meal moths, apply Martin's 57% Malathion 5E to the surface of clean or uninfested grain at the rate of 1/2 pint in 1-2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of grain. Apply immediately after grain is loaded into storage and repeat if necessary.

Residual Spray - Box Cars For Loading and Transporting Bagged Flour and Packaged Cereals - For the control of confused flour beetles, rice weevils, granary weevils, saw-toothed grain beetles, flat grain beetles, red flour beetles, rusty grain beetles, lesser grain borers, Indian meal moths and mite pests infesting empty box cars into which bagged flour and packaged cereals are to be loaded and transported, apply Martin's 57% Malathion 5E as follows:

1. Clean the box car thoroughly, then remove and burn all sweepings and debris.
2. Spray walls and floor to the point of run-off with either 1 gallon of Martin's 57% Malathion 5E in 25 gallons of water or 1 gallon of Martin's 57% Malathion 5E in 19 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts kerosene-type solvent plus one part aromatic hydrocarbon-type solvent.)
3. Let the sprayed box car stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floors of the box car with kraft paper before loading.

FIELD AND GARDEN SEEDS:

Field and garden seeds can be protected against the above grain pests with a dosage of 1/2 pint of Martin's 57% Malathion 5E in 1-2 1/2 gallons of water per 500 bushels of seed. Martin's 57% Malathion 5E may be used under the requirements of the Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

FLY CONTROL

For use in and around buildings which house domestic animals, around yards, homes, and meat and food processing plants. Do not apply in the edible products areas of meat and food processing plants.

STRAIGHT MALATHION SPRAYS

BAIT SPRAYS

Amount of Spray	Amount of 57% Malathion 5E	Amount of Spray	Amount of 57% Malathion 5E	Sugar or Molasses	
				(Unsulphurized) or Corn Syrup	
2 1/2 gal	1 cup	2 1/2 gal	1 cup	1 cup	1 cup
12 gal	1 quart	12 gal	1 quart	2 1/2 lbs	1 quart
100 gal	2 gal	100 gal	2 gal	20 lbs	2 gal

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