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## DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

For the protection of stored grains such as wheat, oats, rice, corn, rye, barley, grain sorghum and field or garden seeds against confused flour beetle, rice weevil, granary weevil, saw-toothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser grain borer, Indian meal moth and for control of cereal leaf beetles if they are present, apply MALATHION 57% Emulsifiable Liquid as follows:

**RESIDUAL SPRAY—BEFORE STORING GRAINS:** 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 MALATHION 57% Emulsifiable Liquid per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

**GRAINS GOING INTO STORAGE:** Apply 1 pint of MALATHION 57% Emulsifiable Liquid 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 moth, apply MALATHION 57% Emulsifiable Liquid to the surface of clean or uninfested grain at the rate of ½ pint in 1-2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of the 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 Beetle, Rice Weevil, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Red Flour Beetle, Rusty Grain Beetle, Lesser Grain Borer, Indian Meal Moth and Mite pests infesting empty box cars into which bagged flour and packaged cereals are to be loaded and transported, apply MALATHION 57% Emulsifiable Liquid 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 MALATHION 57% Emulsifiable Liquid in 25 gallons of water or 1 gallon of MALATHION 57% Emulsified Liquid 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 floor 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 ½ pint of MALATHION 57% Emulsifiable Liquid in 1-2½ gallons of water per 500 bushels of seed.

MALATHION 57% Emulsifiable Liquid 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-processing establishments.

### STRAIGHT MALATHION SPRAYS BAIT SPRAY (with Sweetener)

Amount Spray	Amount MALATHION 57%	Sugar (or)	Molasses or corn syrup
1 Gal.	5 Table-spoonfuls	7 Table-spoonfuls	7 Table-spoonfuls
2½ Gals.	1 Cup	1 Cup	1 Cup
12 Gals.	1 Quart	2½ Pounds	1 Quart

Apply as a spray at the rate of 1 gallon per 1,000 square feet on painted surfaces and 2 gallons per 1,000 square feet on painted 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 loafing 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 whitewashed 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.

**MOSQUITO CONTROL:** Mosquito larvae in standing water—Apply MALATHION 57% Emulsifiable Liquid at the rate of 13 fluid ounces (approximately ½ pound of actual Malathion per acre). Mix in sufficient water or oil when applied by air or ground equipment.

**Outdoors—**Mosquitoes, Flies, and small-flying insects. As a spray, dilute MALATHION 57% Emulsifiable Liquid 1 to 28 parts water, fuel oil or diesel oil.

Avoid applying oil-based formulations to valuable ornamental plants as injury may occur.

**HOUSEHOLD INSECTS:** Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites, Earwigs, in and about homes, dairy and food-processing plants.

Dilute MALATHION 57% Emulsifiable Liquid at the rate of 3 tablespoonfuls in 1 quart of water. Apply as a coarse spray or paint with brush to windowsills, baseboards, under sinks, drainboards, stoves and to other areas frequented by these pests.

**BEDBUGS:** Dilute MALATHION 57% Emulsifiable Liquid at the rate of 2-4 tablespoonfuls per 1 gallon of deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to "mist" the fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Avoid contamination of food, foodstuffs, utensils, milk equipment and water. Repeat applications as necessary.

**FLEAS ON DOGS:** Direct Application--Apply spray of 1 ounce of MALATHION 57% Emulsifiable Liquid per 1 gallon of water. Wet the animals thoroughly using a hand sprayer. Repeat treatments may be used within 2 to 3 weeks.

**Animal Quarters--**For control of fleas in kennels, pens, yards, lawn and under houses.

Dilute 5 ounces of MALATHION 57% Emulsifiable Liquid in 1 gallon of water and apply at the rate of 1 gallon per 1,000 square feet. Use garden sprayer. Remove manure or debris before spraying. Repeat treatment within 3 to 4 weeks if necessary.

**NOTICE**

Seller's guarantee shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

# AIDEX MALATHION



**57% Emulsifiable  
Liquid Insecticide**

**CONTAINS  
PREMIUM  
GRADE  
MALATHION**

Active Ingredients:	By Weight
Malathion*	57.0
Xylene	34.0
Inert Ingredients	9.0
	100.0

\*O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinic acid  
**ONE GALLON CONTAINS FIVE POUNDS OF MALATHION**

## CAUTION

**KEEP OUT OF REACH OF CHILDREN**

See Additional Cautionary Information On Side Panel  
Study Entire Label Before Opening or Handling.

Do not use in any manner not specified on the label.

**DO NOT USE, STORE, SPILL OR STORE NEAR HEAT**

**OR OPEN FLAME**

**Manufactured By**



**A I D E X  
CORPORATION**

**GRAIN CROPS, Corn, Barley, Wheat, and Oats:** Cereal Leaf Beetle – apply 1 to 1½ pints per acre; English Grain Aphid, Greenbugs, Grasshoppers – apply 1½ pints per acre. For Grasshoppers make full coverage to hatching areas when nymphs are young. Do not apply to grain crops within 7 days of harvest.

**VEGETABLES:**

**BEANS (Lima, green, snap, navy, red kidney, wax, cowpeas, black-eyed peas):** Mexican Bean Beetle, Spider Mites – apply 1½ pints per acre; Aphids, Cucumber Beetle – apply 1½ pints per acre; Grasshoppers – apply 1½-2 pints per acre making 2 or more applications as needed. Do not apply within 24 hours of harvest.

**CORN (field, sweet and pop):** Aphids, Sap Beetle, Thrips – apply 1½ pints per acre; Grasshoppers – apply 1½ pints per acre making full coverage of hatching areas when nymphs are young; Corn Rootworm Adults (for protection of silks) – apply 1½ pints per acre making full coverage application to foliage when adult beetles become abundant. Do not apply within 5 days of harvest. Caution: Injury to plants may occur during whorl and silk stages.

**CUCURBITS (cucumbers and melons):** Aphids, Spider Mites, Pickleworm – apply 1½ pints per acre; Cucumber Beetles – apply 3 pints per acre to cucumbers when plants are dry; or apply 2 pints per acre to melons when plants are dry. Do not apply within 24 hours of harvest.

**ONIONS:** Thrips – apply 1½ pints per acre; Onion Maggots – apply 2½ pints per acre. Do not apply within 3 days of harvest.

**POTATOES:** Aphids – apply 1½ pints per acre; False Cinch Bugs – apply 1½ pints per acre; Leafhoppers, Mealybugs – apply 1 pint per acre.

**TOMATOES (outdoor):** Aphids – apply 1 pint per acre; Spider Mites – apply 1½ pints per acre; Drosophila – apply 2½ pints per acre. Do not apply within 24 hours of harvest.

**FRUIT:**

**APPLES:** Woolly Apple Aphid, Bud Moth, Forbes Scale – use 1 pint per 100 gallons spray; Green Apple Aphid, Rosy Apple Aphid – use 1½ pints per 100 gallons; Tent Caterpillars – use 1 to 1½ pints per 100 gallons; Mealybug – Use 1 to 2 pints per 100 gallons; Codling Moth, Plum Curculio, Red-Banded Leaf Roller – use 2 pints per 100 gallons. Consult your State Agricultural Extension Service for local spray schedules recommending combination of Malathion with other insecticides for control of insect complex on apples. Do not apply Malathion to apples within 3 days of harvest.

**LIVESTOCK:**

Do not treat animals under 1 month of age.

When applying sprays, avoid contamination of feed, food containers and watering troughs. Malathion is a cholinesterase inhibitor. Do not use this product on animals simultaneously or within a few days before

or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals. Atropine is antidotal. Consult veterinarian at first sign of adverse reaction.

Animal	Pest	Amount MALATHION 57%	Remarks
<u>Beef Cattle</u> (also non-lactating dairy animals)	Lice	6½ oz. in 5 gal. water	Repeat application in 10 days and thereafter as needed.
	Ticks	6½-13 oz. in 5 gal. water	Repeat applications at 2 week intervals as needed.
<u>Horses</u>	Horn-flies	6½-10 oz. in 5 gal. water	Repeat applications at 2 week intervals as needed.

Do not apply to lactating dairy animals or nonlactating dairy animals with 2 weeks of freshening.

Animal	Pest	Amount MALATHION 57%	Remarks
<u>Hogs</u>	Lice	6½ oz. in 5 gal. water	Apply a complete coverage spray to animals, pens and litter. Re-treat in 10 days and thereafter as needed. Sprayed hogs should be kept out of sun and wind for a few hours after treatment.
<u>Sheep and Goats</u>	Lice	6½ oz. in 5 gal. water	Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.
	Ticks	5 gal. water	
	Keds		

**HARMFUL IF SWALLOWED**

Avoid breathing of spray mist.  
 Avoid contact with skin. Wash thoroughly after handling.  
 Do not contaminate food or feed products.  
 Do not use in commercial food preparation areas or in edible products areas of food processing plants.  
 This product is toxic to bees and should not be applied when bees are actively visiting the area.  
 This product is toxic to fish. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.  
 Do not reuse empty containers. Destroy by perforating or crushing and burying away from water sources. Large drums may be returned to drum reconditioner.  
 NOTE: MALATHION 57% Emulsifiable Liquid may cause spotting on automobile paint finish. Cars should not be sprayed directly. If accidental exposure occurs, the car should be washed immediately.