

1 (of 3)

DIRECTIONS FOR USE

continued

ORNAMENTALS Roses, Camellias, Azaleas, Gladiolus and Evergreens. For Aphids, Rose Leafhoppers, Spider Mites, Thrips, Lace Bugs, White Flies, Mealybugs, use 2 teaspoons per gallon of water. For Japanese Beetle Adults, Tarnished Plant Bugs, Four-lined Leaf Bugs, Birch and Boxwood Leaf Miners, Scale Crawlers and Bagworms, use 4 teaspoons per gallon of water.

VEGETABLES Apply 1 teaspoon per gallon of water on potatoes for Aphids, Leafhoppers and Mealybugs. Apply 2 teaspoons per gallon of water for the following vegetables and insects: Lettuce, Aphids and Leafhoppers, Cabbage, Kale and Spinach, Aphids, Beans, Aphids, Spider Mites, Leafhoppers and Japanese Beetles, Cucumbers and Squash, Aphids and Spider Mites.

IMPORTANT! Do not apply to Beans, Cucumbers and Squash within 1 day of harvest. Do not apply to Head Lettuce, Cabbage, Spinach and Kale within 7 days of harvest. Do not apply to Leaf Lettuce within 14 days of harvest. Do not apply to Peas within 3 days of harvest or within 7 days of harvest if treated vines are to be used to feed livestock.

CAUTION: Avoid breathing spray mist. Avoid contact with skin. Wash thoroughly with soap and water after using. Harmful if swallowed. Avoid contamination of feed and feed stuffs. Keep out of reach of children and domestic animals.

Toxic to fish and aquatic life. Keep out of lakes, streams, or ponds. Do not apply under weather conditions favoring drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of water. Do not apply where runoff is likely to occur. Apply as directed, only as specified on this label.

This product is highly toxic to bees exposed to direct treatment. Do not apply to plants or plants being treated. For more information on bee treatment, see the label on the container.

Keep out of reach of children. When empty, this product is a potent cholinesterase inhibitor. Do not breathe vapors. When breathing mists, wear respirators to prevent breathing. Do not get in eyes, on face, or on clothing. Wear protective clothing to keep as much of the skin as possible from exposure.

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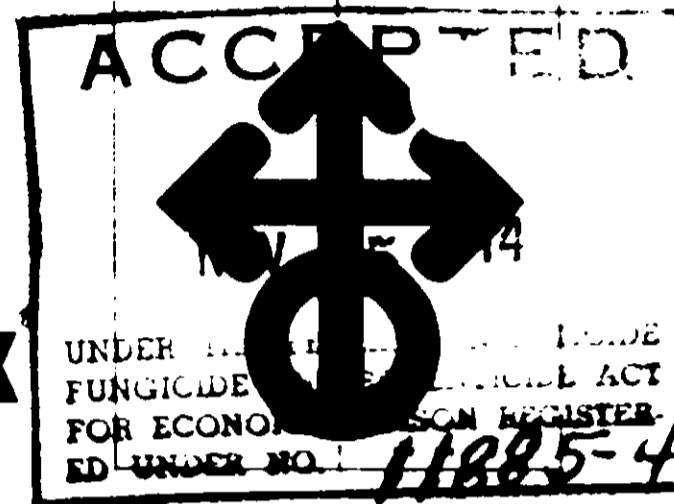
Central Soya
Feed Division
P.O. Box 100
Moline, Illinois 61201



CENTRAL SOYA
Feed Division

LOT NO

Master Mix
RESEARCH APPROVED



PREMIUM GRADE - DEODORIZED

MALATHION 50% EMS

A MANY PURPOSE INSECT SPRAY THAT CONTROLS

- APHIDS
- RED SPIDERS
- MEALY BUGS
- BAGWORMS
- WHITE FLIES
- FLEAS
- AND MANY OTHER PESTS

CONTAINS:

ACTIVE INGREDIENTS	By Wt
Malathion, O, O-Dimethyl phosphorodithioate, diethyl-mercaptosuccinate	50
Heavy Aromatic Naphtha	49.4
INERT INGREDIENTS	100
Total	100

NET CONTENTS: 1 LIQUID QUART

CAUTION: KEEP OUT OF REACH OF CHILDREN

See Back Panel for Additional Caution

DIRECTIONS FOR USE

LIVESTOCK

Beef and Non-Milking Cattle

Lice Dilute 4 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Treat animals thoroughly.

Ticks Dilute 4 to 9 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Treat animals thoroughly. Repeat applications at 2 week intervals if needed.

House Fly Dilute 4 to 7 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Apply on back and neck of the animals and repeat applications at 10-14 day intervals. Do not treat animals under one month of age.

When applying sprays, avoid contamination of feed, food containers and watering troughs. Do not apply to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening unless otherwise noted.

Hogs

Lice Dilute 4 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Treat animals, legs and feet thoroughly. Repeat application after 4 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Use extreme care to cover all body surfaces including the inside of the ears. Second treatment may be necessary in 10 days. Hogs should be kept out of sun and wind for a few hours after treatment.

Sheep and Goats

Lice Dilute 4 ounces of MASTER MIX MALATHION 50% EMS with 3 gallons of water. Treat animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.

FLEAS IN DOG KENNELS, YARDS AND ON DOGS Spray infested areas with 10 tablespoons, 5 ounces Concentrate in 1 gallon water at rate of 1 gallon mixture to 1000 square feet. Remove manure and debris before spraying. Wet dogs with 2 tablespoons Concentrate in 1 gallon water. Animals should be closely examined for fleas before re-treating. Repeat treatment not more often than once every 2 or 3 weeks. Do not treat dogs under one month of age.

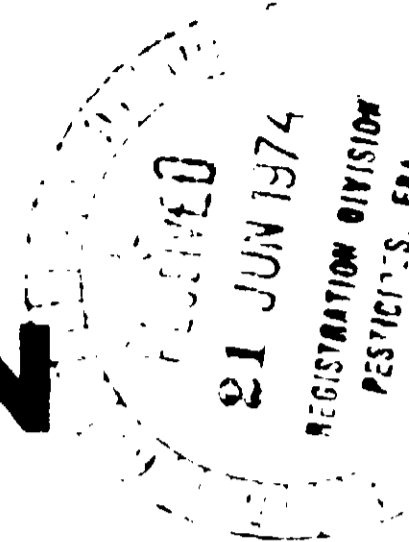
See other panel and attached folder for additional uses

EPA REG. NO. 11885-4
EPA EST. NO. 1-KK-1

Master Mix

RESEARCH APPROVED

MALATHION
PREMIUM GRADE
50% EMULSIFIABLE LIQUID



21013

FLY CONTROL: For use in and around buildings which house and handle animals, around yards, homes, and meat processing establishments. Do not use when plant is in operation. Cover all equipment and processing surfaces or wash thoroughly before use. Do not apply in edible production areas of meat packing plants. Do not apply in food crop areas.

STRAIGHT MALATHION SPRAYS		MIXTURES WITH OTHER ACTIVE INGREDIENTS	
Amount of Spray	Amount MALATHION 50% Emulsifiable Liquid	Amount of Other Active Ingredient	Amount of Water
1 Gall.	7 Tablespoons	1 Gall.	1 Gall.
2 1/2 Gals.	1 Cup	1 Gall.	1 Gall.
12 Gals.	1 Quart	1 Gall.	1 Gall.

Apply as spray at the rate of 1 gallon per 275 square feet of poultry surface and 2 gallons per 575 square feet of other surfaces. Apply to all surfaces of the or concentrate, such as walls, ceiling, floor, and equipment. Apply to all surfaces around garbage cans, etc. For control of house flies, apply spray to all surfaces of the day holding within 18 inches of the surface of the manure. For effective control in and around slaughterhouses, apply spray to manure and other waste material in all areas. Do not apply to freshly washed surfaces. Wash floors and equipment with water before application. Avoid contamination of food and feed. Do not apply to food and feed troughs. Because of the strong odor of the active ingredient, also remove animals under one month of age before treating.

MOSQUITO CONTROL: Mosquito larvae can be controlled by applying MASTER MIX MALATHION 50% EMS at the rate of 1 part per million of Malathion per acre. Malathion can be used on any water, pond, lake, or ground equipment. Outdoor use only. Do not apply to food crops. A 100-space spray dilute MASTER MIX MALATHION 50% EMS with 1 part water to 100 parts water. Do not apply to food crops. Do not apply to food crop areas. Do not apply to edible ornamental plants such as flowers. Malathion is not effective on and does not protect Citrus trees against citrus.

LIVESTOCK
Beef and Non-Milking Cattle.
Dose: 1 Tablespoon of MASTER MIX MALATHION 50% EMS with 1 gallon of water. Treat animals then and then.
Hogs. Dose: 1 Tablespoon of MASTER MIX MALATHION 50% EMS with 1 gallon of water. Treat animals then and then. Repeat applications at 2 week intervals if needed.
Dairy Cows. Dose: 1 Tablespoon of MASTER MIX MALATHION 50% EMS

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BACULIFORM BITING DEVICES: For the reduction of lice, apply a mixture of 2% Malathion using MASTER MIX MALATHION 50% EMS in fuel oil. There may also be a reduction in horn flies. These devices should be made continuously accessible one to each 35-45 head of cattle and retreated every 2-3 weeks.

DO NOT MAKE ACCESSIBLE TO LACTATING DAIRY ANIMALS OR NON-LACTATING DAIRY ANIMALS WITHIN 2 WEEKS OF FRESHENING.

FIELD AND GARDEN SEEDS: Field and garden seeds can be protected against the above grain pests and with a dosage of 1/2 pint of MASTER MIX MALATHION 50% EMS in 1 1/2 gallons of water per 410 bushels of seed. MASTER MIX MALATHION 50% EMS 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.

BEDBUGS: Dilute MASTER MIX MALATHION 50% EMS at the rate of 2-4 tablespoonful 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.

GRAIN

(Barley, Corn, Grain Sorghum, Oats, Rice, Rye, Wheat)

RESIDUAL SPRAY—BEFORE STORING GRAINS: For the control of Cereal Leaf Beetle, Confused Flour Beetle, Flat Grain Beetle, Granary Weevil, Indian Meal Moth, Lesser Grain Borer, Maize Weevil, Red Flour Beetle, Rice Weevil, Rusty Grain Beetle, Saw-toothed Grain Beetle. For a residual wall, floor and machinery spray in grain elevators, in treating truck beds, box cars and ships' holds before loading grain, use 1 pint per 3 gallons of water (or 6 oz. per 1 gallon of water) and make 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 MASTER MIX MALATHION 50% EMS in 2.5 gallons of water per 875 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 MASTER MIX MALATHION 50% EMS to the surface of clean or uninfested grain at the rate of 1/2 pint in 1-2 gallons of water per 875 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 other pests infesting empty box cars into which bagged flour and packaged cereals are to be loaded and transported, apply MASTER MIX MALATHION 50% EMS 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 MASTER MIX MALATHION 50% EMS in 22 gallons of water or 1 gallon of MASTER MIX MALATHION 50% EMS in 16 2/3 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts solvent).
3. Let the sprayed box car stand empty with the doors open until the spray has thoroughly dried.