

USEFUL FOR THE CONTROL OF CERTAIN INSECT PESTS OF CERTAIN STORED GRAINS, L

ACTIVE INGREDIENTS:

Malathion (O,O-dimethyl phosphorodithioate of dimethylmercaptosuccinate) 56.8%

Aromatic Petroleum Solvent 36.2%

INERT INGREDIENTS: 7.0%

TOTAL 100.0%

Contains 5 pounds of Premium Grade Malathion per gallon.

WARNING: KEEP OUT OF REACH OF CHILDREN

May be fatal if swallowed. Do not get on skin, in eyes, or on clothing. Can be absorbed through the skin. Wash thoroughly after using. Do not breathe spray mist.

Avoid contamination of feed or foodstuffs.

This product is highly toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Apply this product only as specified on this label.

NOTE TO PHYSICIANS: Malathion may cause cholinesterase inhibition. Atropine is antidotal.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

READ ENTIRE LABEL BEFORE USING THIS PRODUCT: Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, wildlife, aquatic life, desirable plants, create excessive and unlawful chemical residues, or produce other undesirable results.

DISPOSAL OF CONTAINER AND WASTES

Destroy all containers when empty by punching holes in them and burying with wastes. Do not burn. Do not reuse containers for other purposes. Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies.

NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instruction, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

RIVERSIDE MALATHION 5 may be applied by ground sprayers or by airplane. To apply the RIVERSIDE MALATHION 5 in water to form an emulsion spray solution for the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE MALATHION 5 and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers calibrate so as to apply the recommended amount of RIVERSIDE MALATHION 5 in not less than 3 gallons of water per acre. For aerial application should apply the recommended amount of RIVERSIDE MALATHION 5 in not less than 1 gallon of water per acre. Always use sufficient water for adequate coverage of foliage.

The dosages given under DIRECTIONS FOR USE are the amounts of RIVERSIDE MALATHION 5 to be applied per acre treated per application. Repeat applications may be necessary, unless otherwise directed in DIRECTIONS FOR USE.

Where a dosage range is given use the lower rate on small or young plants or for light insect infestations; use the higher rate on large or more mature plants or for heavy insect infestations.

The hazards and precautions for handling RIVERSIDE MALATHION 5 in this label are equally applicable to it after dilution with water for spray application.

DIRECTIONS FOR USE — STORED GRAINS

For the protection of stored grains, such as wheat, oats, rice, corn, rye, barley, sorghum, and field or garden seeds, against Confused Flour Beetle, Reticulated Grain Weevil, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Red Flour Beetle, Grain Beetle, Lesser Grain Borer, Indian Meal Moth, and for control of other stored grain insects, apply RIVERSIDE MALATHION 5 as follows:

GRAINS GOING INTO STORAGE: Apply 1 pint of RIVERSIDE MALATHION 5 to 1000 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into storage.

AFTER GRAINS ARE STORED: To protect stored grains from attack by Indian Meal Moth, apply RIVERSIDE MALATHION 5 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. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

RESIDUAL SPRAY for walls, floors, and machinery in grain elevators, truck boxes, box cars before loading grain: Mix 1 gallon of RIVERSIDE MALATHION 5 with 100 gallons of water and spray surfaces to point of run-off.

Clean elevators, box cars, etc. thoroughly before applying spray. Remove all sweepings and debris.

DIRECTIONS FOR USE — LIVESTOCK AND POULTRY

BEEF CATTLE, HORSES, AND HOGS: For control of lice, ticks, and horn flies, mix 2 gallons of RIVERSIDE MALATHION 5 with 100 gallons of water and apply as a complete coverage spray. Do not treat animals under one month of age.

POULTRY: For control of Northern Fowl Mite and Poultry Lice mix 2 tablespoons of RIVERSIDE MALATHION 5 with 1 gallon of mixture per 100 to 150 birds.

POULTRY HOUSES: For control of Northern Fowl Mite, Chicken Red Mite, and Poultry Lice mix 4 tablespoons of RIVERSIDE MALATHION 5 with 1 gallon of water and apply as a complete coverage spray. Apply the mixture to the walls, ceilings, roosts, and adjacent areas, taking care to force the spray into all cracks and crevices. For

10107-10

DIRECTIONS

BEFORE USE READ DIRECTIONS, CAUTION AND NOTICE STATEMENTS CAREFULLY

Thorough, Full Coverage Applications Should Be Made*

Dissolve in sufficient water for complete coverage unless otherwise specified

PLANT INSECT CONTROL

PLANT	PEST	Dilution Per 100 Gallons Water	Interval (Day Between Last Application and Harvest)
9 APPLES**	European Red Mite, Green Apple Aphid	2 pints	3
PEARS**	Red-banded Leaf Roller, Codling Moth		3
10 PEACHES	Plum Curculio	2 pints	7
11 GRAPES**	Leafhopper, Spider Mites***	1½ pints*	3
12 MELONS****	Aphids, Spider Mites	1½ pints*	1
13 ONIONS	Thrips	1½ pints*	3
14 POTATOES	Aphids, Leafhopper	1 pint*	3
15 TOMATOES	Spider Mites	1½ pints*	3
	Aphids	1 pint	-
16 ORNAMENTALS**	Aphids, Spider Mites, Thrips, Rose Leafhopper	1½ pints	1
	Bagworms	2 pints	-
17 ALFALFA •	Aphids, Potato Leafhopper, Spider Mites, Spittle Bug, Alfalfa Weevil, Larvae, Grasshopper	1½ to 2 pts*	7
18 BARLEY, OATS, RYE, WHEAT (grain forms)	English Grain Aphid Greenbugs	1½ pints*	7

**May cause injury to: McIntosh and Courtland apples in summer sprays; Bosc pears under certain conditions in Northeast; Ribler grapes; certain ferns; some species of crassula and canaerti juniper

****Do not apply to cucurbits unless plants are dry

•Do not apply to alfalfa in bloom. Make repeat applications as needed.

*Per Acre rates.

Note—For control of Codling Moth and plum Curculio apply at petal fall and every 10 to 14 days thereafter until control is achieved.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Manufactured for:
HARRIS SERUM & SUPPLY CO., Inc.
P.O. Box 410, McCook, Nebr. 69001

ACCEPTED HARRIS

JAN 27 1975

**UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
ED UNDER NO. 10107-10**

CYTHON®

INSECTICIDE

PREMIUM GRADE MALATHION

E-5

5 LBS. PER GALLON

**DO NOT USE, POUR, SPILL, OR STORE
NEAR HEAT OR OPEN FLAME.**

EPA REG. NO. 10107-10

Do Not Reuse Container. Destroy When Empty.



CAUTION Keep Out of Reach of Children

SEE SIDE PANEL FOR ADDITIONAL CAUTIONS.

57% PREMIUM GRADE LOW ODOR MALATHION

ACTIVE INGREDIENTS:

Malathion • 57%

Xylene 32.0%

INERT INGREDIENTS 11.0%

*(0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate)
Cythion is a registered trademark of American Cyanamid Co.

NET CONTENTS ___ GALLONS

1-27-75

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ANIMAL INSECT CONTROL

HOGS: Lice and sarcoptic mange, mix 4 tablespoons Cythion in one gallon (1 qt. to 25 Gals.) of water and apply as a complete coverage spray to animals, pens and litter. For mange spray all animals in herd, cover all body surfaces, including inside of ears. After treatment keep hogs out of sun and wind for four hours. One treatment will usually control; however, extensive cases of mange may need re-treatment in 10 days; for lice re-treat as necessary.

BEEF CATTLE: To control lice dilute 1 quart of Cythion in 25 gallons of water, for tick control—1 to 2 quarts per 25 gallons and for hornfly control 1 to 1½ quarts per 25 gallons of water. Apply complete coverage spray. For lice repeat application only as needed. For ticks and hornfly control, repeat application at 2-week intervals if needed. Do not treat calves under one month of age. Do not apply to dairy animals.

DOGS AND CATS: To control fleas mix 2 tablespoons in one gallon of water, wet animal thoroughly using a hand sprayer. Repeat applications if necessary, not more often than once every 2 to 3 weeks. Do not treat kittens or puppies under 4 weeks of age.

ANIMAL QUARTERS: For control of fleas in kennels, pens, yards, lawns and under houses, remove manure or debris. Apply spray containing 10 tablespoons per gallon of water at rate of 1 gallon to 1,000 sq. ft. Use Garden sprayer.

POULTRY (Direct Application): To control Northern Fowl Mite and Poultry Lice use 2 tablespoons per 1 gallon water per 100-150 birds. (Premise Treatment.) To control above plus Chicker, Red Mite and Flies use 4 tablespoons in 1 gallon water. Apply liberally to litter, walls, ceilings, roosts, nests and adjacent areas. Force spray into cracks and crevices. On all poultry treatments, repeat as necessary.

FLIES: For use in and around buildings which house domestic animals, around yards, around homes and meat packing establishments — dilute 1 oz. of Cythion in 1½ qts. of water (1 cup in 2½ gals.). Apply spray at rate of one gallon per 1,000 square feet on painted (2 gallons on unpainted) surface where flies alight or congregate.

Do not use in rooms where edible products are handled. Remove dairy animals and calves under one month of age from building before treating.

OUTDOORS — Mosquitoes and Small Flying Insects: Use 2%-5% malathion fog, aerosol or space spray. Dilute Cythion one to 28 with water, fuel oil or diesel oil for 2% spray (1 to 11 for 5%) Repeat applications as necessary. Avoid applying oil based spray to ornamental plants.

CALCULATIONS: 2 tablespoons equals 1 oz., 8 oz. equals 1 cup; 2 cups equals 1 pint; 1 pint per 100 gals. equals 1 teaspoon per gallon.

CAUTION

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin, wash thoroughly after using. Avoid contamination of feed and foodstuffs. Keep out of reach of children. Do not use in milk rooms or on dairy animals. Misuse as to quantity, timing or method of application can cause damage or injury to animals, persons, property or crops or cause residues in excess of official tolerances.

NOTICE

Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and or handling of this material when such use and/or handling is contrary to label instructions.

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DIRECTIONS

BEFORE USE READ CAUTION AND NOTICE STATEMENTS CAREFULLY.

Protection of Stored Grains — For the protection of stored 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, and Indian meal moth, apply 1 pint of Cythion Grain Protectant in 2 to 5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage. Field and Garden Seeds can be protected against the above grain pests with a dosage of ½ pint of Cythion Grain Protector in 1 to 2½ gallons of water per 500 bushels of seed.

Malathion may be used under the requirements of the Khapra Beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by current quarantine instructions.

To protect stored grains from attacks by Indian meal moth, apply Cythion Grain Protectant to surface of clean or uninfested grain at the rate of ½ pint in 1 to 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 — 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 Cythion Grain Protectant per 25 gallons of water, making thorough application. Before applying spray, clean elevators, boxcars, etc., thoroughly. Remove and burn all sweepings and debris.

RESIDUAL SPRAY — BOXCARS FOR LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS:

For control of the exposed stages 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 boxcars into which bagged flour and packaged cereals are to be loaded and transported, apply Cythion Grain Protectant, as follows:

1. Clean the boxcar 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 Cythion Grain Protectant in 25 gallons of water, or 1 gallon of this product in 19 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts Deosol or other kerosene-type solvent plus 1 part Xylene Solvent or other aromatic hydrocarbon-type solvent.)
3. Let the sprayed boxcar stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floor of the boxcar with kraft paper before loading.