

Best Available Copy

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
✓ APPLES**	European Red Mite, Green Apple Aphid	2 pints	3
✓ PEARS**	Red-banded Leaf Roller, Codling Moth	2 pints	3
✓ PEACHES	Plum Curculio	2 pints	7
✓ GRAPES**	Leafhopper, Spider Mites***	1 1/2 pints*	3
✓ MELONS****	Aphids, Spider Mites	1 1/2 pints*	1
✓ ONIONS	Thrips	1 1/2 pints*	3
✓ POTATOES	Aphids, Leafhopper	1 pint*	3
✓ TOMATOES	Spider Mites	1 1/2 pints*	3
✓ ORNAMENTALS**	Aphids, Spider Mites, Thrips, Rose Leafhopper Baywornis	1 pint 2 pints	1 —
✓ ALFALFA *	Aphids, Potato Leafhopper, Spider Mites, Spittle Bug, Alfalfa Weevil, Larvae, Grasshopper	1 1/2 to 2 pints*	7
✓ BARLEY, OATS, RYE, WHEAT (Grain Forms)	English Grain Aphid Greenbugs	1 1/2 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
UNDER NO. 10107-10

MALATHION®

INSECTICIDE

57% 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 Rouse 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

10707-10

1-27-75

107 2

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 Chicken 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

Solior 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.

DIRECTIONS

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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 Diesel 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.