

### CAUTION

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.

NOTICE: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

**STORED GRAINS:** For the protection of (stored grains) such as wheat, oats, rice, rye, barley, grain sorghum, and field or garden seeds, against confused flour beetle, rice weevil, granary weevil, saw-toothed grain beetle, red flour beetle, rusty grain beetle, lesser grain borer, Indian meal moth, and for control of cereal leaf beetles, apply CYTHION 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 CYTHION 57% emulsifiable liquid per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweeping and debris.

**GRAINS GOING INTO STORAGE:** Apply 1 pint of CYTHION 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 CYTHION 57% emulsifiable liquid 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 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 57% emulsifiable liquid as follows:

1. Clean the box cars 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 57% emulsifiable liquid in 25 gallons of water, or one gallon of CYTHION 57% emulsifiable 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 floors of the box car with kraft paper before loading.

ACCEPTED

FEB 15 1974

UNDER THE FEDERAL INSECTICIDE ACT



# CYTHION 5-EC

INSECTICIDE

## THE PREMIUM GRADE MALATHION

ACTIVE INGREDIENTS:		
Malathion*	_____	57%
Xylene	_____	35%
INERT INGREDIENTS:	_____	8%
	Total	100%

\*O, O-dimethylphosphorodithioate of diethyl mercaptosuccinate  
One gallon contains five pounds Malathion

### CAUTION

#### Keep Out Of Reach Of Children

- Harmful if swallowed.
- Avoid breathing of spray mist.
- Avoid contact with skin. Wash thoroughly after handling.
- Avoid contamination of feed and foodstuffs.
- Keep container closed and away from heat, sparks and open flame. Malathion is a cholinesterase inhibitor.
- Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place.
- 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.
- Do not Use, Pour, Spill or Store, near heat or open flame.

MANUFACTURED BY  
**Coastal Chemical Corp.**  
GREENVILLE, N. C.

NET CONTENTS: ONE GALLON

® Registered Trademark of American Cyanamid Company  
EPA Reg. No. 5549-49

**APPLICATION:** For noted, the specific applied in sufficient of water per acre. gallons of water per 5 miles per hour.

**FIELD CROPS:** CO Leathoppers, Thrip control of worms and other recommended

**SOYBEANS:** Mexic not apply within

**TOBACCO:** Aphid within 7 days of

**GRASS CROPS:** G pints per acre. Ary

**VEGETABLES:** BEA Japanese beetle, acre. Do not apply

**CABBAGE, COLLA** acre. Do not apply

**CUCUMBERS:** Aph acre. Cucumber b plants are dry. Do

**POTATOES:** Aphid

**FRUIT: GRAPES:** pts. per 100 gall Spray may cause

**ORNAMENTALS:** lons water. Euny fly, Four-lined le Tarnished plant moth, Scurfy sca miner, Boxwood 2 pts. per 100 g Pteris ferns, and

**LIVESTOCK:** Prec Do Not Treat An When applying s and watering thro Do not apply to dairy animals with

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### DIRECTIONS FOR USE

**APPLICATION:** For ground application on crops listed, unless otherwise noted, the specified amounts of the emulsifiable liquid should be applied in sufficient water for good coverage, usually 25 to 50 gallons of water per acre. Application by aircraft should be made in 3 to 10 gallons of water per acre. Do not make application when winds exceed 5 miles per hour.

**FIELD CROPS: COTTON:** Bollweevil, Desert spider mite, Cotton aphid, Leafhoppers, Thrips, Lygus bug — Use 1-2 qts. per acre. For control of worms and weevils, Cythion should be used in combination with other recommended insecticides.

**SOYBEANS:** Mexican bean beetle — Use 2½ - 3 pts. per acre. Do not apply within 3 days of harvesting or grazing.

**TOBACCO:** Aphids — Use 1½ - 2½ pts. per acre. Do not apply within 7 days of harvest.

**GRASS CROPS:** Grasshoppers, Aphids, Leafhoppers — Use 1½ - 2 pints per acre. Armyworm — Use 2 pts. per acre.

**VEGETABLES: BEANS:** Mexican bean beetle, Leafhopper, Spider mites, Japanese beetle, Aphids, Cucumber beetle — Use 1½ - 2 pts. per acre. Do not apply within 1 day of harvest.

**CABBAGE, COLLARDS, MUSTARD GREENS:** Aphids - 1½ - 2 pts. per acre. Do not apply within 7 days of harvest.

**CUCUMBERS:** Aphids, Spider mites, Pickleworm — Use 1½ pts. per acre. Cucumber beetles — Use 3 pts. per acre. Do not apply unless plants are dry. Do not apply within 1 day of harvest.

**POTATOES:** Aphids, Leafhoppers, Mealybug — Use 1 pt. per acre.

**FRUIT: GRAPES:** Leafhoppers, Spider mites, Mealybugs — Use 1½ pts. per 100 gallons water. Do not use within 3 days of harvest. Spray may cause injury to foliage on some varieties.

**ORNAMENTALS:** Oyster shell scale, Lace bug — 1 pt. per 100 gallons water. Euonymus scale, Aphids, Mealybugs, Spider mites, Whitefly, Four-lined leaf bugs, Japanese beetle adult, Potato leafhopper, Tarnished plant bug, Thrips, Rose Leafhopper, European pine shoot-moth, Scurfy scale — 1½ pts. per 100 gallons water. Birch leaf miner, Boxwood leaf miner, Bagworms, Tent caterpillar, Azalea scale 2 pts. per 100 gallons water. Do not use on Boston, Maidenhair and Pteris ferns, and some species of crassula.

**LIVESTOCK:** <sup>(non-lactating)</sup> Precaution for use of Cythion on Livestock: 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, Do not apply to non-lactating dairy animals within two weeks of freshening.

**CATTLE (Beef and non-milking), HORSES:** Lice: Use 1 gallon per 100 gallons water or 6½ ozs. per 5 gallons water. Treat animals thoroughly. Ticks - Use 1-2 gallons per 100 gallons water or 6½-13 ozs. per 5 gallons water. Treat animals thoroughly. Repeat applications at 2 week intervals if needed. Horn fly - Use 1-1½ gallons per 100 gallons water or 6½-10 ozs. per 5 gallons water. Apply on back and neck of the animals and repeat application at 10-14 day intervals

**HOGS:** Lice — Use 1 gallon per 100 gallons water or 6½ ozs. per 5 gallons water. Treat animals, pens and litter thoroughly.

**FLIES** For use in and around buildings which house domestic animals, around yards and meat processing plants. Do not use when plant is in operation. Use 2 gallons in 100 gallons water. Apply as a spray gallons per 1000 sq. ft. on unpainted surfaces where flies alight or at the rate of 1 gallon per 1000 sq. ft. on painted surface and 2 congregates, such as walls, ceilings, stanchions, windows in dairy barns, fences, around garbage cans. etc.

Do not apply in the edible products area of food processing plants.

Do not use in serving areas while food is exposed.

**POULTRY:** Precaution for use of Cythion on Poultry: Avoid contamination of feed and feeding troughs and water fountains with spray

When using emulsifiable liquid, use a high pressure sprayer for surface sprays.

**CHICKENS, DUCKS, GEESE & TURKEYS:** Direct Application—Northern mite, Poultry lice, Chicken red mite—Use 2 tbs. per 1 gallon water per 100-150 birds. As a Supplement to premise treatment for chicken red mite. Repeat application in 4-8 weeks or when necessary. Roost Paint: Chicken red mite, Poultry lice—Use 2-7 ozs. per 1 gallon water. Brush on at rate of 1 pt. per 150 ft. of roost. Premise Treatments: Northern fowl mite, Chicken red mite, Poultry lice, Flies — Use 4 tbs. per 1 gallon water. Apply liberally to litter, walls, ceilings, roost nests and adjacent areas. Force spray into cracks and crevices. Premise Treatment: Poultry ticks—Use 6-7 ozs. per 1 gallon water. Apply liberally to walls, ceilings and adjacent areas. Force spray into cracks and crevices.

**DOMESTIC PETS:** Do not apply directly to dogs and cats under one month of age. **DOGS & CATS:** Fleas — 1 oz. per gallon water. Wet animals thoroughly using a hand sprayer. Repeat treatments may be used within 2 to 3 weeks. **PET QUARTERS, YARDS & LAWNS:** Fleas — Use 5 oz. per gallon per 1000 sq. ft. of surface. Remove manure or debris before treating. Repeat treatment within 3 to 4 weeks if necessary.

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100%

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