

10F11

**BEST AVAILABLE COPY**

**Residual Spray — Boxcars for Loading and Transporting Bagged Flour and Packaged Cereals**

For control of the exposed stages of container 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 mice pest in flour, empty box cars into which bagged flour and packaged cereals are to be loaded and transported apply Malathion as follows:

1. Spray the inside of the boxcar, then return to the point of receipt and back.
2. Spray the walls of the boxcar to the point of the floor with a concentration of Malathion of 0.7 to 2.5 gallons per 1000 sq. ft. of this product. 10 gallons of Malathion will cover 1000 sq. ft. of wall surface. Do not spray the floor.
3. Let the spray be absorbed by the walls until the spray has thoroughly dried.
4. Seal the walls of the floor of the boxcar with kraft paper before loading.

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after using. Keep out of reach of children and domestic animals. Malathion may cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid. Atropine is antidotal. 2 PAM is also antidotal and should be administered in conjunction with Atropine.

Highly toxic to fish. Keep out of any body of water.

Do not reuse empty container. Destroy by crushing, burning or crushing. Bury or send in a safe place.

Do not store near heat or open flame.

**NOTICE OF WARRANTY**

Roberts Laboratories makes no warranty, expressed or implied, fitness for any purpose or otherwise, except as appearing on the label concerning this product or its use. Where necessary, refer to the statements on this label.



**MALATHION 57%**

**PREMIUM GRADE**  
Made from CYTHON<sup>®</sup> Insecticide.  
**THE PREMIUM GRADE MALATHION**

Excellent Concentrate to be used as a grain protectant and for the control of Lice, Ticks, House Flies on Beef Cattle; Lice on Hogs, Lice, Mites, Ticks on Poultry. For use on Fleas and Fleas on Dogs and Cats. Certain Household and Garden Insects. Can be used on Black Rubber and Stock Orders.

ACTIVE INGREDIENTS	
Malathion <sup>®</sup>	57.00%
Kylene range aromatic solvent	29.38%
INERT INGREDIENTS	13.62%
<b>TOTAL</b>	<b>100.00%</b>

100% Dimethyl dithiophosphate of diethyl mercaptan isocyanate

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

EPA Reg. No. 42750-01 AA  
EPA Est. No. 58410-1

Manufactured by  
**ROBERTS LABORATORIES**  
**ROCKFORD, ILLINOIS 61103**  
USA

LTI

1003-10

PM16

ACCEPTED  
JUL 17 1978  
The Federal Insecticide, Fungicide, and Rodenticide Act  
as amended, and the provisions registered under  
EPA Reg. No. 523-40

23

GARDEN, CROP AND GRAIN USES

ALFALFA. For Alfalfa Weevil Larvae on hay crops (East use 1 pint and 10 fluid ounces or (West) 1 quart Malathion, 57 in enough water for thorough coverage per acre. Spray in Spring when most of the tips are beginning to show feeding. A second application may be necessary. If harvest infestation is severe, treat stubble as soon as crop is cut down. For Grasshoppers and Clover Leaf Weevil, use 1 pint and 10 fluid ounces in 100 gallons water per acre. Apply after cutting and before plants are 6 inches tall. A second application may be necessary. For Pea Aphid, use 1 pint per acre in enough water for good coverage. Apply before bloom or in the evening during bloom. For Spotted Alfalfa Aphid apply 1 pint per acre to seedlings when one aphid per plant is seen or to older stands when 5 aphids per leaf are found. For Potato Leafhopper use 1 pint plus 3 fluid ounces per acre when alfalfa is about half grown or earlier if insects become abundant.

DO NOT APPLY 7 DAYS BEFORE HARVEST OR FEEDING

DO NOT APPLY DURING THE DAY WHEN IN FULL BLOOM

FLOWERS, SHRUBS AND SHADE TREES. Use at the rate of 1 pint per 25 gallons of water (2 teaspoons per gallon) Malathion and spray plants thoroughly. This spray will kill aphid, red spider mites, scale worms, leaf hoppers, thrips, sawfly larvae, leaf miners, leaf beetles, etc. Japanese beetle, European spruce sawfly and tent caterpillars. Repeat treatments if necessary. Do not spray on or around tender plants such as carnations and some species of ferns and the most tender trees.

FRUIT TREES. Use at the rate of 2 teaspoons per gallon of water. Mix well and spray plants thoroughly. Repeat as necessary. This spray will kill the following:

ON PEACHES. Spider mites, plum curculio, Oriental fruit moth. Do not apply later than 7 days before harvest.

ON PEARS. Codling moth, pear psylla, plum curculio, leaf roller. Do not apply later than 3 days before harvest. May cause injury in Bosc pear under certain conditions in the Northwest.

ON APPLES. Codling moth, plum curculio, spider mite, aphid, leaf moth, European scab, leaf miner. Do not apply later than 7 days before harvest. May cause injury in the Northwest under certain spray.

VEGETABLES. Use at the rate of 1/2 teaspoon per gallon of water on the following vegetables: PEAS. Aphids, BEAN Leafhopper, Mexican Bean Beetle, Spider Mites, PEPPER AND HOT TABAGAS. Aphids, BROCCOLI. Aphids, Cabbage Worm, Cabbage Looper, EGGPLANT. Aphids, SQUASH AND CUCUMBERS. Squash and Melons. Aphids, Spider Mites, ONIONS. Onion Thrips, POTATOES. Aphids, Leafhopper. On these crops do not apply later than 3 days before harvest.

Do not apply to cucurbits unless plants are dry. Use at rate of 2 teaspoons per gallon of water on the following: LETTUCE. Aphids, Leafhoppers, SPINACH. Aphids, BEANS AND BRUSSELS SPROUTS. Aphids. Do not apply later than 10 days before harvest. Do not apply to Leaf lettuce within 14 days of harvest.

GRAIN. PROTECTANT. For the protection of stored grain such as wheat, oats, rice, corn, rye, barley, grain sorghum and field or garden seeds, against confused flour beetle, weevil, granary weevil, saw-toothed grain beetle, leaf beetle, red flour beetle, rusty grain beetle, lesser grain beetle and Indian meal moth, apply 1/2 pint of Malathion 57 in 2 1/2 gallons of water per 1000 bushels. Apply as the grain being treated is turned into final storage. To protect stored grain from attack by Indian meal moth, apply Malathion to the surface of clean or uninfested grain at the rate of 1 pint to 1 1/2 gallons of water per 1000 square feet of grain surface area. Apply the spray evenly over the surface of grain. Apply immediately after grain is loaded into storage and repeat if necessary.

Residual Spray. For a residual wait, floor, and much more spray in grain elevators, in treating truck beds, box cars and ships. Just before loading grain, apply 1 gallon of Malathion 57 per 25 gallons of water, making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

BEST AVAILABLE COPY

2074

Ch...

PM's

**DIRECTIONS**

**CAUTION:** Do not apply to lactating dairy cattle. Do not apply to dry dairy cattle within 2 weeks of freshening. Do not treat animals under 1 month of age. Do not use on dairy goats. Avoid contamination of feed, foodstuffs, food containers and watering troughs.

**LICE ON BEEF CATTLE, HOGS, SHEEP AND GOATS:** Mix 1 pint Malathion 57% Concentrate in 12 1/2 gallons water. Spray completely animals, pens and litter. Repeat only as needed.

**TICKS ON BEEF CATTLE, SHEEP AND GOATS:** Mix 1 pint Malathion 57% Concentrate in 12 1/2 gallons water. Spray animals completely. Repeat in 2 weeks if needed.

**HORN FLIES ON BEEF CATTLE:** Mix 1 to 1 1/2 pints Malathion 57% Concentrate in 12 1/2 gallons water. Spray completely. Repeat at two week intervals if needed.

**BACK RUBBERS:** For reduction of Lice on Beef Cattle; Treat back rubbers with a mixture of 1 pint of Malathion 57% Concentrate in 4 gallons of diesel fuel oil. Do not use crankcase or lubrication oil. Repeat every 2 - 3 weeks. May also be a reduction in horn flies. Do not use on dairy cattle.

**POULTRY (Chickens, Ducks, Geese, Turkeys):** Direct application for Northern Fowl Mite, Poultry Lice and as a supplement to Premise Treatment for Chicken Red Mites; Mix 1 ounce (2 tablespoons) of Malathion 57% Concentrate per gallon of water and spray at the rate of 1 gallon per 100-150 birds. Repeat in 4 to 6 weeks or when necessary.

**POULTRY HOUSES:** Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies; Mix 2 ounces (4 tablespoons) of Malathion 57% in 1 gallon of water. Spray liberally walls, ceilings, roosts and nests, forcing spray into all cracks and crevices.

**POULTRY TICKS:** Mix 6-7 ounces of Malathion 57% Concentrate per gallon of water. Spray liberally on walls, ceilings, and adjacent areas, forcing spray into all cracks and crevices. Repeat as needed.

**DOGS AND CATS:** Fleas: Spray with a mixture of 1 ounce (2 tablespoons) of Malathion 57% Concentrate per gallon of water. Wet animals thoroughly. Repeat as needed, but not more than once a week. Do not treat kittens and puppies under four weeks of age.

**ANIMAL QUARTERS:** Fleas: Remove manure or debris. Spray kennels, pens, yards, lawns and under houses with a mixture of 5 ounces of Malathion 57% per gallon of water at the rate of 1 gallon per 1,000 square feet. Use a garden sprayer.

**HOUSEHOLD INSECTS:** Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites, Earwigs in and around Homes, Dairies, and Food Processing Plants. Dilute 1 1/2 ounces (3 tablespoons) of Malathion 57% in one quart of water (6 1/2 ounces per gallon). Spray or paint window sills, baseboards, drainboards, under sinks, stoves, cracks and crevices, and other areas frequented by insects. Do not contaminate food or utensils. Repeat application as necessary. **CAUTION:** This product may cause staining. Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

CYTHON® and "THE PREMIUM GRADE MALATHION"® are registered trademarks of American Cyanamid Company.

BOOK



**MALATHION 57%**

**PREMIUM GRADE**

Made from CYTHON® Insecticide,  
**THE PREMIUM GRADE MALATHION®**

Emulsifiable Concentrate to be used as a grain protectant and for the control of Lice, Ticks, Hornflies on Beef Cattle; Lice on Hogs; Lice, Mites, Ticks on Poultry; For use as a fly Bait; Flies and Fleas on Dogs and Cats; Certain Household and Garden Insects; Can be used in Back Rubber and Stock Oilers.

See attached Booklet for Garden, Crop and Grain uses.

<b>ACTIVE INGREDIENTS:</b>	
Malathion*	57.00%
Xylene-range aromatic solvent	29.36%
<b>INERT INGREDIENTS</b>	<b>13.64%</b>
<b>TOTAL</b>	<b>100.00%</b>

\*O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate.

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**  
See additional cautions on the panels.  
**NET CONTENTS ONE QUART**  
(0.946 LITERS)

**FLY CONTROL:** As a concentrate with 1/4 quart concentrate in 12 1/2 gallons of water. dwellings; in floor areas, buildings, also to walls and can or sprayer. Also spraying areas. DO NOT APPLY calves under one month processing rooms. Maintain buildings and other areas tions as necessary.

Harmful if swallowed, do not mist. Avoid contact with of feed or foodstuffs. We of children and domestic terase inhibition. If po Atropine is antidotal. 2-P in conjunction with atrop Do not reuse empty cont Bury or discard in a safe Do not store near heat or This product is highly to residues on crops. Prot your Cooperative Agricul This product is toxic to fi not apply where runoff is conditions favor drift from cleaning of equipment or as specified on this label.

NO  
Roberts Laboratories, fitness for any purpose, this product or its use, label.

EPA Reg. No. 523-40  
EPA Est. No. 523-IL-

ACCEPTED

JUL 07 1978

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 523-40

23