

Cameraman's Note
Poor Copy

DIRECTIONS FOR USE

Do not use in edible products areas of food processing plants or other areas where food is commercially prepared or prepared in serving areas while food is exposed.

For the protection of stored grains, 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, Indian meal moth, and for control of cereal leaf beetles if they are present, apply Malathion Premium Grade 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 "EC-5" Malathion Premium Grade per 25 gallons of water making thorough application. Before applying spray clean elevators, box cars, thoroughly. Remove and burn all sweepings and debris.

GRAINS GOING INTO STORAGE: Apply 1 pint of "EC-5" Malathion Premium Grade Liquid in 25 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned in to final storage.

AFTER GRAINS ARE STORED: To protect stored grains from attack by Indian meal moth, apply "EC-5" Malathion Premium Grade Liquid to the surface of clean or uninfested grain at the rate of 1 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 "EC-5" Malathion Premium Grade Liquid as follows:

1. Clean the box car thoroughly. Remove and burn all sweepings and debris.
2. Spray walls and floor to the point of run off with either 1 gallon of "EC-5" Malathion Premium Grade Liquid in 25 gallons of water, or one gallon of "EC-5" Malathion Premium Grade Liquid in 13 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 floor of the box car with kraft paper before loading.

5283-23

ACCEPTED
MAR 16 1973
UNDER THE FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT FOR ECONOMIC POISON REGISTERED UNDER NO. 5283-23 TO ATTACHED COMMENTS.

FIELD AND GARDEN SEEDS: For protection of seeds, apply 1/2 pint of "EC-5" Malathion Premium Grade Liquid in 25 gallons of water per 500 pounds of seed.

ANIMAL QUARTERS AND CATS: Direct Application - Apply spray of 1 ounce of "EC-5" Malathion Premium Grade Liquid per 1 gallon of water. Wet the animals thoroughly using a spray nozzle. Repeat treatments may be used within 2 to 3 weeks. Do not use on cats under 3 months of age.

Animal Quarters - For control of fleas in kennels, pens, stalls, barns and under houses. Dilute 5 ounces of "EC-5" Malathion Premium Grade Liquid in 1 gallon of water and apply at the rate of 1 gallon per 1000 square feet. Use garden sprayer. Remove manure or debris before spraying. Repeat treatments within 3 to 4 weeks if necessary.

FLY CONTROL: For use in and around buildings which are around yards, around homes and around meat-processing establishments. Apply as a spray at the rate of 1 gallon per 1000 square feet on painted surfaces and 1/2 gallon per 1000 square feet on unpainted surfaces where flies alight on ceilings, stanchions, windows in dairy barns, fences, around garbage cans. For control of fly maggots apply as a bait spray over the surface of manure piles. In loafing sheds, spray the dry bedding within 18 inches of the horse's head. For effective control in and around dairy barns, spray fly traps and other waste material.

Repeat applications as necessary. Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, also drinking fountains. Remove lactating dairy animals from buildings before treating. Also remove milk of age before treating.

STRAIGHT MALATHION SPRAYS		BAIT SPRAYS (N)
Amount Spray	Amount "EC-5" Malathion Premium Grade Liquid	Sugar or
1 Gal.	5 tablespoonfuls	7 tablespoonfuls
2 1/2 Gals.	1 cup	1 cup
12 Gals.	1 quart	2 1/2 pounds

MOSQUITO CONTROL: Mosquito larvae in standing water. Apply "EC-5" Malathion Premium Grade Liquid at the rate of 13 fluid ounces (approx. 1/2 pint) per acre. Mix in sufficient water or oil when applied by air.

Outdoors - as a mist or pressure sprayer application: mosquito control. As a spray, dilute 1-part "EC-5" Malathion Premium Grade Liquid in 10 parts water. Malathion may be toxic to certain species of fish, particularly in shallow water. Avoid spraying oil-based formulations to valuable ornamental plants and lawns. Do not spray where food or feed crops may be contaminated.

HOUSEHOLD INSECTS: Roaches, ants, spiders, silverfish, crickets, etc. Dilute "EC-5" Malathion Premium Grade Liquid at the rate of 1/2 ounce per gallon of water. Apply as a spray or pour with brush, to walls, floors, furniture, stoves and to other areas frequented by these pests.

ROCK PILES: Dilute "EC-5" Malathion Premium Grade Liquid at the rate of 1/2 ounce per 1 gallon of deodorized kerosene. Apply lightly to all surfaces. Rub the fabric and generously to bed and take care to wet all possible hiding places. Avoid contamination of food, foodstuffs, utensils, milk equipment and other items as necessary.

FOR USE

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.

rice, corn, rye barley, grain sorghum, and rice weevil, granary weevil, saw-toothed beetle, rusty grain beetle, lesser grain borer, and beetles if they are present, apply Malathion

GRAINS: For a residual wall, floor, and back beds, box cars, and ships' holes before Premium Grade per 25 gallons of water by clean elevators, box cars, thoroughly.

1 pint of "EC-5" Malathion Premium Grade as the grain is being loaded or turned in-

stored grains from attack by Indian meal mite to the surface of clean or uninfested per 1000 square feet of grain surface area. grain. Apply immediately after grain is

DURING AND TRANSPORTING BAG-

For the control of confused flour beetle, flat grain beetle, red flour beetle, rusty mite pests infesting empty box cars into be loaded and transported, apply "EC-5"

burn all sweepings and debris. with either 1 gallon of "EC-5" Malathion ter, or one gallon of "EC-5" Malathion diluted kerosene. (The dilution of kerosene type solvent plus one part aromatic hydro-

doors open until the spray has thoroughly dried before loading

garden seeds can be treated against the "EC-5" Malathion Premium Grade Liquid in

the Khapra beetle quarantines where water by the current quarantine instructions

ation - Apply spray of 1 ounce of Malathion of water. Wet the animals thoroughly used within 2 to 3 weeks. Do not use it

els, pens, yards, lawns and under houses.

Malathion Premium Grade Liquid in 1 gallon of water and apply at garden sprayer. Remove manure or debris before if necessary.

FLY CONTROL: For use in and around buildings which house domestic animals around yards, around homes and around meat-processing establishments.

Apply as a spray at the rate of 1 gallon per 1000 square feet on painted surfaces and 2 gallons per 1000 square feet on unpainted surfaces where flies alight or congregate, spray walls, ceilings, stanchions, windows in dairy barns, fences, around garbage cans.

For control of fly maggots apply as a bait spray over the surface of manure or poultry droppings. In loafing sheds, spray the dry bedding within 18 inches of the walls and around upright braces. For effective control in and around dairy barns, spray fly breeding sites, manure piles, and other waste material.

Wait 14 days before applying to freshly white-washed surfaces.

Repeat applications as necessary.

Avoid contamination of milk, milk equipment and water.

Avoid contamination of feed and food products, also drinking fountains and feed troughs.

Remove lactating dairy animals from buildings before treating. Also remove animals under 1 month of age before treating.

STRAIGHT MALATHION SPRAYS		BAIT SPRAYS (WITH SUGAR) ADD	
Amount Spray	Amount "EC-5" Malathion Premium Grade Liquid	Sugar or	Molasses (unsulfurized) or Corn Syrup
1 Gal.	5 tablespoonfuls	7 tablespoonfuls	7 tablespoons
2 1/2 Gals.	1 cup	1 cup	1 cup
12 Gals.	1 quart	2 1/2 pounds	1 quart

MOSQUITO CONTROL: Mosquito larvae in standing water--Apply "EC-5" Malathion Premium Grade Liquid at the rate of 13 fluid ounces (approximately 1/2 pound of Malathion per acre). Mix in sufficient water or oil when applied by air or ground equipment.

Outdoors - as a mist or pressure sprayer application: mosquitoes, flies and small flying insects. As a spray, dilute 1-part "EC-5" Malathion Premium Grade Liquid 1 to 28 parts of water.

Malathion may be toxic to certain species of fish, particularly in shallow water.

Avoid applying oil-based formulations to valuable ornamental plants as injury may occur.

Do not apply where food or feed crops may be contaminated.

HOUSEHOLD INSECTS: Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites, Earwigs, etc. in homes, dairy and food processing plants.

Dilute "EC-5" Malathion Premium Grade Liquid at the rate of 3 to 5 teaspoonfuls in 1 quart of water. Apply as a fine spray or paint with brush, to window frames, floor boards, under sinks, door boards, stoves and to other areas frequented by these pests.

REDBUGGS: Dilute "EC-5" Malathion Premium Grade Liquid at the rate of 2 1/2 to 3 ouncefuls per 1 gallon of deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to "mist" the fabric and generously to beds and bedwork with special care taken to wet all possible hiding places.

Avoid contamination of food, foodstuffs, utensils, milk equipment and water. Repeat applications as necessary.

MICHEL

MALATHION

CONTAINS

CYTHION

THE PREMIUM GRADE MALATHION TRADE MARK OF AMERICAN CYANAMIDE COMPANY

ACTIVE INGREDIENTS:

Malathion*
Aromatic Petroleum Solvent

INERT INGREDIENTS

*O, O dimethyl phosphorodithioate of diethyl n
(One gallon contains five pounds of n

For the Protection of Stored Grains, Bagged Flour, Packaged C

For Fly and Mosquito Control--Pet, Household a

CAUTION
Keep Out of Reach of Children
See other precautions on the back



AMERICAN CYANAMIDE COMPANY
Insecticide Products Division
DETROIT, MICHIGAN 482

NET CONTENTS

processing plants, restaurants prepared or processed. Do not

buildings which house domestic animals and establishments.

are feet on painted surfaces and 2 gallons of water with 1 pound of malathion EC-5. For flies alight or congregate, spray walls and around garbage cans.

the surface of manure or poultry droppings, spray fly-breeding sites, manure piles, and other surfaces.

water. For drinking fountains and feed troughs, use 1/2 ounce per gallon. Also remove animals under 1 month of age.

BAIT SPRAYS (WITH SUGAR) ADD

Sugar or Molasses (unsulfurized) or Corn Syrup	
1 tablespoonful	7 tablespoons
1 cup	1 cup
1 pound	1 quart

standing water--Apply "EC-5" Malathion EC-5 liquid ounces (approximately 1/2 pound of malathion) applied by air or ground equipment.

ation: mosquitoes, flies and small flying insects. Premium Grade Liquid 1 to 28 parts of water.

icularly in shallow water. Ornamental plants as injury may occur. Do not contaminate.

s, Silverfish, Crickets, Clover Mites, Earwigs, etc. Apply at the rate of 3 tablespoonfuls in 1 quart of water to window frames, baseboards, under sinks, and other surfaces where these pests.

Apply Premium Grade Liquid at the rate of 2.4 to 4.8 ounces per gallon to all mattress surfaces in sufficient to beds and in bedwork with special care.

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MICHLIN

MALATHION EC-5

CONTAINS



ACTIVE INGREDIENTS:	BY WEIGHT
Malathion*	56.56%
Aromatic Petroleum Solvent	36.54%
INERT INGREDIENTS	6.90%

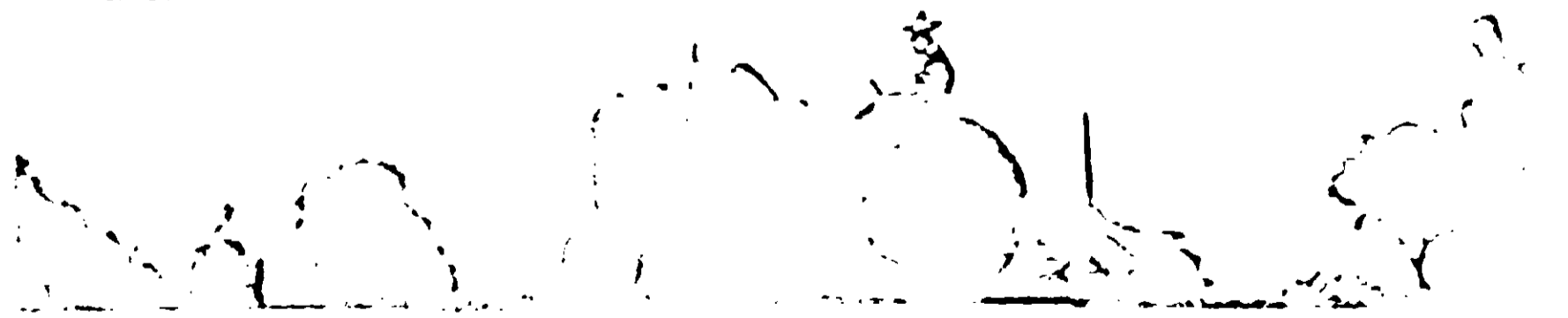
*O, O dimethyl phosphorodithioate of diethyl mercaptosuccinate

(One gallon contains five pounds of malathion)

For the Protection of Stored Grains, Bagged Flour, Packaged Cereals and Seeds Against Insects

For Fly and Mosquito Control--Pet, Household and Livestock Use

CAUTION
 Keep Out of Reach of Children
 See other precautions on the back/side panel



MICHLIN CHEMICAL CORPORATION

Insecticide Products Division
 DETROIT, MICHIGAN 48211

NET CONTENTS

EPA REG. NO. 23

ORNAMENTALS--All Rates For Water Unless Otherwise Stated.

For Oyster Shell Scale and Lice Bugs, Aphids, White Flies, Mealybugs, Trips, Pine Shoot Moth, Four-Lined Plant Bug, Leafhopper, Potato Leafhopper, Scurfy, use 1 1/2 pints. For Bagworm, Tent Caterpillar, Birch Leaf Miner, Oak Kerf, Florida Juniper, Azalea and Magnolia Scales, use crawler, Soft Brown and Monterey Scale, thorough full coverage spray is needed. No use on ferns (including Boston, Massachusetts) and certain species of Crassula, since plant injury may occur.

LIVESTOCK

Do not treat animals under 1 month of age. When applying sprays, avoid contamination of water troughs.

	Pest	Amount "EC-5" Premium Grade
Beef Cattle (also non-lactating dairy animals, and Horses)	lice	6 1/2 oz. in 5 gal.
	ticks	13 oz. in 5 gal.
	horn flies	10 oz. in 5 gal.
Hogs	scrapie	5 oz. in 5 gal. w
Sheep and Goats	lice	5 oz. in 5 gal. w
	ticks	5 oz. in 5 gal. w

Do not apply to lactating dairy animals or nonlactating dairy animals.

ORNAMENTALS—All Rates For Use in 100 Gallons Of Water Unless Otherwise Stated.

For Oyster Shell Scale and Lice Bugs, use 1 pint. For Spider Mites, Aphids, White Flies, Mealybugs, Trips, Japanese Beetle, European Pine Shoot Moth, Four-Lined Plant Bug, Tarnished Plant Bug, Flow Leafhopper, Potato Leafhopper, Scurfy Scale and Egg-mass Scale, use 1½ pints. For Bagworm, Worm Caterpillar, Boxwood Leaf Miner, Birch Leaf Miner, Oak Kerf, Florida Red Scale, Fletcher Scale, Juniper, Azalea and Magnolia Scales, use 2 pints. For Black Scale crawler, Soft Brown and Monterey Scales, use 2½ pints. Apply thorough full coverage spray as needed. **Note: Do Not** apply to petunias, certain ferns (including Boston, Maidenhair, Pteris), and some species of *Crassula*, since plant injury may occur.

LIVESTOCK

Do not treat animals under 1 month of age.

When applying sprays, avoid contamination of feed, food containers and water troughs.

	Pest	Amount "EC-5" Malathion Premium Grade Liquid	Remarks
Beef Cattle (also non-lactating dairy animals) and Horses	lice	5½ oz. in 5 gal. water	Repeat application in 10 days and thereafter as needed
	ticks	11-13 oz. in 5 gal. water	Repeat applications at 2 week intervals as needed
	hornflies	9-10 oz. in 5 gal. water	Repeat applications at 2 week intervals as needed
Hogs	sarcoptes mites	10 oz. in 5 gal. water	Apply a complete coverage spray to animals, pens and litter. Re-treat in 10 days and thereafter as needed. Sprayed hogs should be kept out of sun and wind for a few hours after treatment.
Sheep and Goats	lice ticks keds	10 oz. in 5 gal. water	Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.

Do not apply to lactating dairy animals or nonlactating dairy animals within 2 weeks of freshening.

DRUM DECONTAMINATION

Drum contents: 5 gallons of water, 1 cup of liquid detergent, and 2 pounds of caustic soda. Tighten bung and rotate drum to wet all inner surfaces. Let stand for at least 15 minutes. Drain the drum, set it on a level away from water supplies. Wash inside and outside of container with clear water. Keep drum clean for disposal of glass bottles. The decontaminated drum may be transferred to a drum reconditioner who utilizes burning equipment, punctured and sold as scrap, or punctured and buried at least 18 inches deep in an isolated area away from water supplies. Do not reuse empty container. Wash thoroughly with water and detergent. Discard in a safe place.

COMPATIBILITY: Malathion may be used with most common insecticides and fungicides. Aerial materials may reduce its effectiveness. Avoid lime and bordeaux mixtures.

CAUTION: Malathion may impart off flavor to certain crops. Apply this product only as directed on this label. When using this product in clips holds, wear respirators to prevent breathing of fumes or mist into throat and lungs. Wear protective clothing to prevent as much of the spray as possible from exposure. Wash hands and face after exposure.

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

The information furnished hereon is provided for informational purposes only by the manufacturer who assumes no responsibility whatsoever for the effectiveness or safety of this product regardless of whether or not it is used as directed.

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials.

HARMFUL IF SWALLOWED

- Avoid breathing of spray mist. Avoid contact with skin.
- Wash thoroughly after handling.
- Avoid contamination of feed and foodstuffs.
- Keep contained closed and away from heat, sparks and open flame.
- Keep out of reach of children.