

572-145

5-9-75

leaf 5

ROCKLAND CHEMICAL CO., INC.

P. O. BOX 234

CALDWELL, N. J. 07006

April 17, 1975



TO: Mr. F.D.R. Gee (#18)
 (Mr. Gerald Harrison)
 US. EPA

RE: MALATHION 57% EMULSIFIABLE CONCENTRATE
 EPA Reg. No. 572-145
 Your letter 2/28/75

Additional corrections requested to be made on above label:
 (5 photocopies of typed label attached)

1. INSERT AT #2 on LEFT SIDE PANEL: (this takes care of your #1&2 requests)

This product is toxic to fish, birds and other wildlife. 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 areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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.

- 2. We have crossed off "Prolonged or Repeated" per your #3 request.
- 3. We have declared xylene, per your number 4 request.

4. INSERT AT #3 on LEFT SIDE PANEL: (this takes care of your #5&7 requests)

Do not reuse empty container. Destroy it by perforating or crushing and burying in a safe place away from water supplies. If a drum, it can be returned to drum reconditioner.

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

- 5. Front panel precautionary labeling will meet type size and prominence requirements, per your #8 request.
- 6. We do not understand your #6 request. We are enclosing photocopies of suppliers letters:
 American Cyanamid's 1/15/75
 Rohm & Haas' 2/11/75

May we please have your PROMPT permission to go ahead with label printing.
 Thank you.

ROCKLAND CHEMICAL CO., INC.

P. O. BOX 204

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LABEL COPY

REF: ROCKLAND MALATHION 57% Emulsifiable Concentrate
EPA Reg. No. 572-145
EPA Est. 572-NJ-1

INSERT ON FRONT PANEL AT #1:

MIXING AND APPLICATION: For ground operated equipment, mix designated amounts in 20-40 gal. of water, until spray mixture is uniform, for proper coverage of 1 acre. Thoroughly wet plants with mixture, especially the upper and undersides of leaves. Not to be applied by aircraft. Do not reuse container. Destroy by perforating or crushing and burying in a safe place.

ACCEPTED
MAY 9 1975
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 572-145

12/30/74

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ROCKLAND CHEMICAL CO., INC.
Caldwell, N. J. 07006

LABEL COPY
FRONT PANEL

ROCKLAND
MALATHION 57%

Emulsifiable Concentrate

Contains 5 lbs. Actual Malathion per gal.

ACTIVE INGREDIENTS:

Malathion*	57%
Xylene-Xylol	33%
INERT INGREDIENTS:	10%

*O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate

DANGER - KEEP AWAY FROM HEAT OR OPEN FLAME

CAUTION: KEEP OUT OF REACH OF CHILDREN

See Side Panel for Complete Caution Statement

Manufactured by

ROCKLAND CHEMICAL CO., INC.
Passaic Avenue, West Caldwell, N. J.

LEFT SIDE PANEL

POULTRY HOUSES: SPRAYS - For the control of Northern Fowl Mites, Chicken Red Mites, Poultry Lice and Flies, apply 4 tablespoons per gallon of water liberally to walls, ceilings, roosts, nests and adjacent areas, taking care to force the spray into all cracks and crevices. For the control of Poultry ticks, apply 6 to 7 ounces per gallon of water, apply liberally to walls, ceilings and adjacent areas and taking care to force the spray into all cracks and crevices. Repeat as necessary. Use a high-pressure sprayer for surface sprays.

ROOST PAINT: For the control of Chicken Red Mites and Poultry Lice, mix 4 tablespoonfuls per gallon of water. Brush on this dilution as a roost paint at the rate of 1 pint per 150 feet of roost. Repeat as necessary.

SHEEP AND GOATS: For the control of Lice, Ticks and Keds on sheep and goats, apply one gallon per 100 gallons of water. Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed.

SWINE: For control of lice on swine, apply 1 gallon per 100 gallons of water as a complete coverage spray to animals, pens and litter. One treatment may be sufficient. Repeat application only if needed. For the control of sarcoptic mange on hogs, use 1 gal. in 100 gallons of water, or 6 1/2 ozs. in 5 gallons of water. Apply as a complete coverage spray to all animals in the herd, bedding and walls. Use extreme care to thoroughly cover all body surfaces of the animal, including the inside of the ears. After spraying,

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P. O. BOX 201

CALDWELL, N. J. 07006

LABEL COPY (cont)

LEFT SIDE PANEL (cont)

ROCKLAND MALATHION 57%

the swine should be kept out of the sun and wind for a few hours. One thorough spraying will usually control sarcoptic mange of swine. However, extensive cases will require a second treatment in about 10 days after the first application.

HORSES: For control of lice on horses, use at the rate of 1 gallon per 100 gallons of water or 6½ ozs. per 5 gallons of water. Apply a complete coverage spray. One treatment may be sufficient. Repeat application only if necessary. For the control of ticks on horses, use 1 - 2 gallons per 100 gallons of water or 6½ - 13 ozs. per 5 gallons of water. Apply a complete coverage spray. Repeat application at 2-week intervals if necessary. For the control of horn flies on horses, use 1 - 1½ gallons per 100 gallons of water or 6½ - 10 ozs. per 5 gallons of water. Apply a complete coverage spray. Repeat application at 2-week intervals if necessary.

CAUTION: Harmful if swallowed. Avoid ~~prolonged~~ breathing of spray mist ~~or repeated or prolonged~~ contact with skin. Wash thoroughly. Avoid contamination of feed, foodstuffs, food containers, water troughs, fountains, milk, milk equipment and water. Keep out of reach of children. Do not apply to or make accessible to milk goats, lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening. Do not treat animals under one month of age.

~~Toxic to fish. Keep out of lakes, streams and ponds.~~

NOTE TO PHYSICIAN: Malathion, upon repeated, prolonged or careless use may cause cholinesterase inhibition. Atropine is antidotal.

COMPATIBILITY: Malathion may be used with most common insecticides and fungicides. Alkaline material such as lime and Bordeaux mixtures may reduce its effectiveness.

WARRANTY: 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.

EPA Reg. No. 572-145
EPA Est. 572-NJ-1

RIGHT SIDE PANEL

NET CONTENTS: ONE GALLON

DIRECTIONS

ALFALFA: For the control of grasshoppers, aphids, including spotted alfalfa aphid, lygus bugs, leafhoppers, spider mites, alfalfa weevil larvae, spittlebugs, vetch bruchids on alfalfa, apply 1½ to 2 pints per acre in sufficient water for good coverage.

For the control of armyworms, apply 2 pints per acre.

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LABEL COPY (cont)
RIGHT SIDE PANEL (cont)

ROCKLAND MALATHION 57%

Repeat applications as necessary. Apply Malathion to alfalfa in bloom only in the evening or early morning when bees are not working in the field or are not hanging on the outside of hives. May be grazed or harvested on day of application. For control of pea aphids and clover leaf weevil, please consult your State Agricultural Extension Service for information consistent with label directions and cautions.

CLOVER: For the control of aphids, mites, leafhoppers and grasshoppers, apply 1½ to 2 pints in sufficient water for good coverage. Repeat applications as necessary. Do not apply to clover in bloom. May be grazed or harvested on day of application.

OUTDOORS: MOSQUITOES, FLIES AND SMALL FLYING INSECTS - Use 2% Malathion fog, aerosol or space spray. As a spray, dilute 1 to 28 parts of water, fuel oil or diesel oil. When using kerosene type solvent as carrier, dilute in 28 parts of a mixture consisting of 4 parts kerosene type solvent and 1 part of aromatic hydrocarbon type solvent. Repeat applications as necessary. Avoid applying oil-base formulations to valuable ornamental plants as injury may occur. Malathion may be toxic to certain species of fish, particularly in shallow water.

FLIES: For the reduction of flies in and around animal buildings and yards, and around homes, use 2 gallons in 100 gallons of water, or 1 pint in 5 gallons of water (10 lbs. of actual Malathion). Apply spray at the rate of 1 gallon per 1000 square feet on painted surfaces and 2 gallons per 1000 square feet on unpainted surfaces in dairy barns, fences, around garbage cans, manure piles. Repeat applications as necessary.

BEEF CATTLE: For the control of lice on beef cattle, apply 1 gallon per 100 gallons of water. Apply a complete coverage spray. One treatment may be sufficient. Repeat application only if needed. For control of ticks on beef cattle, apply 1 to 2 gallons per 100 gallons of water. Apply complete coverage spray to treat animals thoroughly. Repeat applications at 2-week intervals if needed. For the control of horn Flies on beef cattle, apply 1 to 1½ gallons per 100 gallons of water. Apply complete coverage spray. Repeat applications at 2-week intervals if needed.

BACK RUBBING DEVICES: For the reduction of lice on beef cattle, apply a mixture of 2% Malathion (1 part Malathion 57% Emulsifiable to 27 parts fuel oil) to the back rubbing devices. There may also be a reduction in horn flies. These devices should be made continuously accessible, one to each 35 to 45 head of cattle and re-treated every 2 to 3 weeks.

POULTRY: CHICKENS, DUCKS, GEESE, TURKEYS - Direct application for the control of Northern Fowl Mites, Poultry Lice, and as a supplement to premise treatments for Chicken Red Mites, mix 2 tablespoonfuls per gallon of water per 100-150 birds.