

25%

MAY 21 1971
UNDER THE FEDERAL
Pesticide and Fungicide Act
FOR ECONOMIC PEST CONTROL
BY ORDER NO. 247-24 SUBJECT
TO APPLICABLE REGULATIONS

Made in U.S.A.

MALATHION

Printed in U.S.A.

2393-308

CODE 9450

Wettable Powder

USDA Reg. No. 218-236

ACTIVE INGREDIENT:

Malathion* 25%

INERT INGREDIENTS

*O,O-dimethyl dithiophosphate of diethyl mercapto succinate. 75%



ALLIED CHEMICAL CORPORATION
DEPARTMENT AG
MORRISTOWN, N.J. U.S.A.

DIRECTIONS

MIXING AND APPLICATION: Mix the recommended amount of 25% Malathion Wettable powder in water until the spray mixture is uniform. Thoroughly wet plants with the spray mixture, especially the underside of the leaves.

FRUIT

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

BITES ON APPLES AND PEARS: For Spider Mites such as European Red, Two-Spotted, Willamette and Clover Mite, use 2 to 2½ pounds. Make two or more applications as needed. For certain mites such as Two-Spotted and Willamette Mite, use at least two applications 10 to 12 days apart during the summer months. Make no application later than 3 days before harvest on apples, one day before harvest on pears.

APPLES: For Plum Curculio, Codling Moth and Red-Banded Leaf Roller, use 3 pounds. For Bud Moth, Woolly App's, and Green Apple Aphid, use 2 pounds. For Rosy Apple Aphid, use 2½ pounds. Make two or more applications as needed. For Forbes Scale use 2½ pounds. Make 2 or 3 thorough applications as needed. Make no application later than 3 days before harvest.

PEAR: For Plum Curculio, Codling Moth, Fruit Tree Leaf Roller and Red-Banded Leaf Roller, use 3 pounds. For Pear Psylla, use 2 to 2½ pounds, and for Bud Moth, use 2 pounds. Make two or more applications as needed. Some pears in the Northwest may be injured when treated with Malathion. Make no application later than 1 day before harvest.

PEACH: For Plum Curculio and Oriental Fruit Moth, use 3 pounds. Make one or more applications as needed. For European Red and Two-Spotted Mites use 2 to 2½ pounds. Make 2 or more applications as needed. Make no application later than 7 days before harvest.

SOUR CHERRY: For Black Cherry Aphid, use 2 pounds. (Make one or more applications as needed.) Make no application later than 3 days before harvest.

NOTE: If this product is used on certain varieties of sweet cherry, especially in the Northwest, foliage injury may occur.

STRAWBERRY: For Aphids and Mites, use 2½ pounds. Make applications as needed. Make no application later than 3 days before harvest.

CHERRY: For Leafhoppers, Black-Headed Fireworm, Cranberry Fruitworm and Spittlebug (nymphs), use 2½ pounds. Make applications as needed. Make no application later than 3 days before harvest.

VEGETABLES

All Rates For Use in Enough Water To Give Good Coverage.

TOMATO: For Spider Mites and Aphids, use 2 pounds per acre. Make one or more applications as needed. Make no application later than 1 day before harvest.

POTATO: For Potato Aphid, use 2½ pounds per acre. Make one or more applications, as needed.

COLE CROPS: CABBAGE, KALE, BROCCOLI, TURNIP, AND MUSTARD: For Imported Cabbageworm, and Cabbage Looper use 2 pounds per acre. Make complete coverage application, and repeat as needed. Do not apply to turnip or broccoli within 3 days, to other crops not within 7 days of harvest.

CAUTION

KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.
HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN.
DO NOT BREATHE SPRAY MIST OR DUST.
DO NOT GET ON SKIN.
WASH WITH SOAP AND WATER AFTER USING AND BEFORE EATING OR SMOKING
WASH CLOTHING BEFORE RE-USE.
DO NOT CONTAMINATE FEED OR FOODSTUFFS.

CAUTION - Keep out of reach of children

ORNAMENTALS

All Rates For Use in 100 Gallons Of Water

For Aphids, Spider Mites, White Flies, Tent Caterpillar and Mealybugs, use 2½ pounds. For Black Scale and Juniper Scale Crawlers, Soft Brown, Florida Red and Monterey Pine Scales, use 6 pounds. For Bag-worm, Pine Needle Scale and Lace Bugs, use 4 pounds. Apply thorough full coverage sprays as needed.

NOTE: Do not apply to potatoes, certain ferns (including Boston, Maidenhair, Ficus), and some species of Crassula, since injury to these plants may occur.

FLIES: For the control of flies in and around animal buildings and yards, and around the outside of dwellings, use 40 pounds in 100 gallons of water. To make baited sprays add 2 gallons of corn syrup or unsulfurized molasses, or 20 pounds of sugar, to 100 gallons of spray mixture. Thoroughly wet surfaces on which flies are seen to collect with spray mixture. Repeat applications as needed. Dry Bait: Thoroughly mix 3 tablespoons with 1 pound of sugar and ¼ teaspoonful of green or yellow food coloring. Mix until all the sugar grains are coated with insecticide and coloring. Sprinkle the mixture on the floor or other places where flies collect, at the rate of 2 tablespoons for 300 to 1000 square feet. Make daily treatments until fly population is reduced to a low level and then treat as needed.

FOR SPRAYING CATTLE AND SWINE: For lice use 8 pounds per 50 gallons of water. For ticks on cattle use 8 to 16 pounds per 50 gallons of water. Apply a complete coverage spray. Use one or more applications as necessary. (See note.)

DO NOT USE ON LACTATING DAIRY CATTLE.

DO NOT USE ON NON-LACTATING DAIRY ANIMALS WITHIN 2 WEEKS OF FRESHENING.

DO NOT USE ON CALVES UNDER ONE-MONTH-OF AGE.

NOTE: Do not contaminate milk, milk equipment, and water. Remove lactating animals and calves under one month of age from buildings before spraying. Do not contaminate feed, feeding troughs or water fountains with spray.

POULTRY: For the control of Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies apply 1½ pounds per 5 gallons of water liberally to walls, ceilings, roosts and adjacent areas forcing spray into all cracks and crevices. For Northern Fowl Mite, Poultry Lice and as a supplement to premise treatment for Chicken Red Mite use 2½ ounces per gallon of the rate of 1 gallon per 100 to 150 birds. Repeat in 4 to 8 weeks or as necessary. (See Note) Apply to dry surfaces only.

Do not use more than the following amounts of this material per acre per application: On Strawberry, 8 pounds; on Cranberry and Cole crops, 10 pounds; on Potato, 12 pounds; and on Tomato, 14 pounds.

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

"This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning or disposal 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.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given hereon.

9450-4
A1701E



EPA

**COMPANY
NUMBER**

34704

**PRODUCT
SERIAL NO.**

50

**LABEL
APPROVAL
DATE**

10-18-77

Harmful if swallowed. Avoid breathing of dust or spray mist. Avoid contact with skin; wash thoroughly after using. Avoid contamination of feed and foodstuffs. Do not use or store near heat or open flame.
Highly toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.
Destroy container when empty; never re-use. Punch container full of holes or crush it so it cannot be used or salvaged for any purpose. Do not apply when weather conditions favor drift of spray from areas treated.

DO NOT STORE WITH FOODSTUFFS

Wear respirator approved by the U.S. Bureau of Mines to prevent breathing of fumes or mist into throat and lungs. Wear protective clothing to prevent as much of the skin as possible from being exposed.

DIRECTIONS FOR USE

For the protection of stored grains, such as 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 the control of cereal leaf beetles, apply CLEAN CROP GRAIN BIN SPRAY 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 holds before loading grain, apply 1 gallon of CLEAN CROP GRAIN BIN SPRAY emulsifiable liquid per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

GRAIN GOING INTO STORAGE: Apply 1 pint of CLEAN CROP GRAIN BIN SPRAY 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 CLEAN CROP GRAIN BIN SPRAY 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.



ACTIVE INGREDIENTS:

Malathion*
 Xylene

INERT INGREDIENTS:

TOT

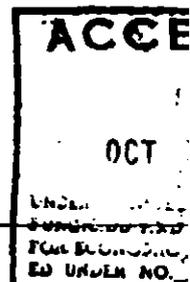
*0,0-dimethyl dithiophosphate of diethyl mercaptan
 gal. contains 5 lbs. of malathion)

For the protection of stored grains, bagged packaged cereals and seed against insect

**CAUTION
 KEEP OUT OF REACH OF CHILDREN**

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

NET CONTENTS



EPA Reg. No. 34704-50

MANUFACTURED BY **PLATTE CHEMICAL**
 188 SO. MAIN STREET



GRAIN BIN SPRAY CONTROLS:

- *Red flour beetle
- *Indian meal moth
- *Confused flour beetle
- *Rice Weevil
- *Saw-toothed grain beetle
- *Flat grain beetle
- *Rust grain beetle
- *Lesser grain borer
- *Granary weevil

DIRECTIONS FOR USE

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 CLEAN CROP GRAIN BIN SPRAY emulsifiable liquid as follows:

1. Clean the box cars thoroughly, then remove and burn all sweepings and debris.
2. Spray the walls and floor to the point of run-off with either 1 gallon of CLEAN CROP GRAIN BIN SPRAY emulsifiable liquid in 25 gallons of water, or one gallon of CLEAN CROP GRAIN BIN SPRAY 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.

FIELD AND GARDEN SEEDS: Field and garden seeds can be protected against the above grain pests with a dosage of ½ pint of CLEAN CROP GRAIN BIN SPRAY emulsifiable liquid in 1-2½ gallons of water per 500 bushels of seed.

CLEAN CROP GRAIN BIN SPRAY may be used under the requirements of Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

Local conditions may affect the use of this insecticide. Consult State Agricultural extension or Experiment Station specialists for specific recommendations, consistent with label for local pest problems.

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.