

PM 14 34704-3

TERESA 10/16



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAR 24 1994

J Allen Dunlap III  
WILLIAM M. MAHLBURG  
AGENT FOR: PLATTE CHEMICAL CO., INC.  
BOX 667  
GREELEY, CO. 80632

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/27/93 in Response to PR Notice 93-7  
EPA Reg. No. 34704-3  
MALATHION 55 INSECTICIDE PREMIUM GRADE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

2076

Page 2

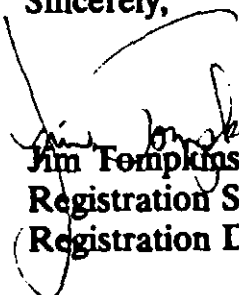
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

  
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

3076

J Allen Dunlap III  
WILLIAM M. MAHLBURG  
34704-3 09/27/93  
MALATHION 55 INSECTICIDE PREMIUM GRADE  
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

Delete the crossed-out statements on your proposed label. They are redundant statements or phrases.

Move from Precautionary Statements: "Do not allow contact with treated surface until sprays have dried". Inserted in the Non-Agricultural Use Requirements Box.

PROPOSED LABEL

4 off

ACCEPTED with COMMENTS in EPA Letter Dated MAR 24 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under EPA Reg. No. 34704-3



# MALATHION

## 55

### INSECTICIDE PREMIUM GRADE

#### Organophosphate Insecticide

ACTIVE INGREDIENT:	
Malathion*	55.21%
INERT INGREDIENTS**	44.79%
TOTAL	100.00%

\*O-O-dimethyl phosphorodithioate of diethyl mercaptosuccinate. Contains 5 pounds of Malathion per gallon.  
\*\*This product contains xylene range aromatics

### KEEP OUT OF REACH OF CHILDREN CAUTION

See Below for Additional Precautionary Statements  
EPA REG. NO. 34704-3  
EPA EST. NO. 279-CA-1  
NET CONTENTS 1 GAL. (3.78 L)

3478 WP6EXP08Y13

#### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
CAUTION: Harmful if swallowed. Avoid contact with skin. Avoid breathing of spray mist. Do not use treated seed for food, feed or oil purposes. Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

**Personal Protective Equipment:**  
Applicators and other handlers must wear...  
Engineering controls statements...

#### USER SAFETY RECOMMENDATIONS

Do not...  
Do not...  
Do not...

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

#### PHYSICAL & CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### STATEMENTS OF PRACTICAL TREATMENT

**If Swallowed**—Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.  
**If Inhaled**—Remove victim to fresh air. Apply artificial respiration if indicated.  
**If On Skin**—Remove contaminated clothing and wash affected area with soap and water.  
**If In Eye**—Flush eyes with plenty of water. Call a physician if irritation persists.  
**Note to Physician:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### AGRICULTURAL USE REQUIREMENTS

[Redacted agricultural use requirements text]

#### NON-AGRICULTURAL USE REQUIREMENTS

[Redacted non-agricultural use requirements text]

#### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.  
**STORAGE:** Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Do not store below temperature of 0°F. Personnel should use clothing and equipment...

BEST AVAILABLE COPY

S/L

5066

# MALATHION 55

## EPA REG. NO. 34704-3

### Storage and Disposal, Cont'd.

consistent with good pesticide handling.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS FOR GRAIN, SEED 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, sawtoothed grain borer, and Indian meal moth, apply 1 pint MALATHION 55 PREMIUM GRADE in 2 to 5 gallons of water per 1000 bu. Apply as the grain is being loaded or turned into final storage.

Field and garden seeds can be protected against the above grain pests with a dosage of 1/2 pt. of MALATHION 55 PREMIUM GRADE in 1 to 2 1/2 gallons of water per 500 bu. of seed.

To protect stored grains from attack by Indian meal moth, apply MALATHION 55 PREMIUM GRADE to the surface of clean or uninfested grain at the rate of 1/2 pt. in 1 to 2 gallons of water per 1000 sq. ft. 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.

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 MALATHION 55 PREMIUM GRADE per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

### DIRECTIONS FOR CROP USE

Begin applications when insects first appear and repeat as required. Full coverage is essential for control. Observe days interval between last application and harvest indicated by the number in ( ) following the crop. When applying this material by aircraft, mix the required amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. Care should be taken that this material is not allowed to drift onto neighboring crop or non-crop areas.

### CHEMIGATION

Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

**FRUIT: AMOUNTS RECOMMENDED ARE AMOUNTS TO USE PER 100 GALLONS OF WATER. APPLY AT PETAL FALL AND EVERY 10 TO 14 DAYS THEREAFTER UNTIL CONTROL IS ACHIEVED.**

**APPLES (3):** Woolly Aphid, Bud Moth, Forbes Scale: use 1 pt. Green Apple Aphid, Rosy Apple Aphid - use 1 1/2 pt. Mealy bug, Spider Mites - use 1 to 2 pts. Codling Moth, Plum Curculio, Red-banded Leafroller - use 2 pts. Applications of this material may cause injury on McIntosh and related varieties of apples.

**PEARS (1):** Spider Mites, Pear Psylla, Mealybugs—use 1 to 2 pts. Codling Moth, Plum Curculio, Fruit Tree Leafroller, Red-banded Leafroller - use 2 pts. Applications may cause injury to Bosc pears under certain conditions.

**PEACHES (7):** Oriental Fruit Moth, Plum Curculio - use 2 pts.

**PLUMS (3); PRUNES (3):** Mealy Plum Aphid - use 1 pt.

**SMALL FRUIT, VEGETABLES, ORNAMENTALS, FIELD CROPS: AMOUNTS RECOMMENDED ARE AMOUNTS TO USE PER ACRE IN SUFFICIENT WATER TO COVER.**

**BLACKBERRY (1); BOYSENBERRY (1); DEWBERRY (1); LOGANBERRY (1); RASPBERRY (1):** Japanese Beetle, Leafhopper, Thrips, Mites - use 1 1/2 pts.

**CRAWBERRY (3):** Leafhopper, Black-Headed Fireworms, Spittlebug Nymph, Cranberry Fruitworm - use 1 1/2 pts. Do not apply close to or during the bloom and berry-set period. Do not apply when foliage is wet.

**GRAPES (3):** Spider Mites, Mealybugs - use 1 1/2 pts. Applications may cause injury to Ribier grapes.

**STRAWBERRY (3):** Spider Mites, Aphids - use 1 1/2 pts. Thrips - use 1 1/2 to 3 pts.

**BEANS (1):** Spider Mites, Mexican Bean Beetle - use 1 1/2 pts.

**BEETS (7); BRUSSELS SPROUTS (7):** Aphids - use 1 to 2 pts.

**CABBAGE (7); KALE (7); MUSTARD (7); CAULIFLOWER (7); BROCCOLI (3); TURNIP (3):** Aphids, Imported Cabbageworm, Cabbage Looper - use 1 to 2 pts.

**CELERY (7):** Spider Mites, Aphids - use 1 1/2 pts.

**CUCUMBER (1); MELON (1); SQUASH (1):** Spider Mites, Aphids - use 1 1/2 pts. Do not apply unless plants are dry.

**EGGPLANT (3):** Spider Mite, Aphids - use 1 pt. Lacebug - use 3 pts.

**LETTUCE (LEAF 14) (HEAD 7):** Aphids, leafhopper - use 2 pts.

**ONIONS:** Thrips - use 1 1/2 pts. Do not apply on green onions within 3 days of harvest.

**PEAS (3):** Pea Aphid - use 1 1/2 pts. per acre. Pea Weevil - use 1 1/2 to 2 pts. per acre. For Pea Weevil apply during early bloom before eggs are oviposited. Do not apply within 7 days of harvest if forage will be fed to livestock.

**PEPPERS (3); SPINACH (7):** Aphids - use 1 pt.

**TOMATOES (1):** Aphids - use 2 pts. Spider Mites - use 1 1/2 pts.

**ALFALFA, CLOVER:** Grasshoppers, Aphids, Leafhoppers, Mites, Alfalfa weevil, Larvae, Clover Leaf Weevil - use 1 1/2 to 2 pts. per acre. Do not apply when plants are in bloom.

**BARLEY (7); OATS (7); RYE (7); WHEAT (7):** Armyworm - use 2 pts. per acre. English Grain Aphids, Greenbug - use 1 1/2 pts. per acre.

**ORNAMENTALS:** Aphids, Spider Mites, Whitefly, Mealybugs, Thrips, Japanese Beetle Adults, Scurfy Scale, Four-lined Leaf Bug, Tarnished Plant Bug, Rose Leafhopper, European Pine Shoot Moth - use 1 1/2 pts. Birch Leafminer, Boxwood Leafminer, Bagworms, Tent Caterpillar, Azalea Scale, Pine Leaf Scale, Magnolia Scale, Oak Kermes, Fletcher Scale, use 2 pts. Monterey Pine Scale, Soft Scales - use 2 1/2 pts. Pine Needle Scale - use 4 pts. Use of this material may cause injury on certain ferns, including Boston Maidenhair and Pteris, as well as on some species of Crassula and Canari Juniper.

### DIRECTIONS FOR LIVESTOCK USE

Apply as a complete coverage spray. Begin applications when insects first appear and repeat at 2 week intervals if needed. Observe use limitations. Avoid contamination of feed, food containers and water troughs.

**CATTLE (BEEF AND NON-MILKING):** Lice - use 1 gallon per 100 gallons of water or 6 1/2 ounces per 5 gallons of water. One treatment may be sufficient. Repeat only if needed. Ticks - use 1 to 2 gallons per 100 gallons of water or 6 1/2 to 13 ounces per 5 gallons of water. Hornflies - use 1 to 1 1/2 gallons per 100 gallons of water or 6 1/2 to 10 ounces per 5 gallons of water. Do not treat calves under 1 month of age. Do not apply to lactating dairy animals, or to non-lactating dairy animals within 2 weeks of freshening.

**HOGS:** Lice - use 1 gallon per 100 gallons of water or 6 1/2 ounces per 5 gallons of water. Spray animals, pens and litter. One treatment may be sufficient. Repeat only if needed.

**SHEEP, GOATS:** Lice, Ticks, Keds - use 1 gallon per 100 gallons of water or 6 1/2 ounces per 5 gallons of water. Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats. Do not treat animals under one month of age.

**POULTRY (DIRECT APPLICATION):** Northern Fowl Mite, Poultry Lice—use 2 tablespoons per 1 gallon of water per 100 to 150 birds and spray on birds.

**POULTRY HOUSE:** Northern Fowl Mite, Chicken Red Mite, Poultry Lice, Flies - use 4 tablespoons per 1 gallon of water. Poultry Ticks - use 6 to 7 ounces per 1 gallon of water. Apply spray liberally to litter, walls, ceiling, roosts, nests and adjacent areas. Force spray into all cracks and crevices.

**ROOST PAINT:** Chicken Red Mite, Poultry Lice - use 2 to 7 ounces per 1 gallon of water. Brush on roosts at the rate of 1 pint per 150 feet of roosts. Repeat as necessary.

### DIRECTIONS FOR MOSQUITO CONTROL USE

**MOSQUITO LARVAE:** Use 13 ounces per acre in sufficient water or oil to obtain coverage when applied by air or ground equipment. Repeat application as necessary. Do not apply oil-based sprays to valuable ornamental plants as injury may occur. When applying this material by aircraft, mix the recommended amount with sufficient water to provide one to ten gallons of finished spray per acre. Care should be taken that this material is not allowed to drift onto neighboring crops or non-crop areas. Observe the fish warning statement on this label.

### DIRECTIONS FOR FLY CONTROL USE

Use in and around building which house domestic animals, around yards and around homes. Apply to surfaces where flies alight or congregate, such as walls, stanchions, barn windows, fence and garbage cans. Repeat application as required. Eliminate fly breeding sites. Do not apply sprays to freshly white washed surfaces for a period of 14 days. Do not contaminate milk, milk equipment or water.

**WATER DILUTED FLY SPRAY:** use 2 gallons per 100 gallons of water. Spray the diluted mix at the rate of 1 gallon per 1000 square feet on painted surfaces or 2 gallons per 1000 square feet on unpainted surfaces. **BAIT SPRAYS:** use 2 gallons of MALATHION 55 PREMIUM GRADE with 2 gallons of unsulfurized molasses or corn syrup, or 20 pounds of sugar per 100 gallons of water. (Use 3 gallons with 40 pounds of sugar per 100 gallons of water if the fly population is severe.) Sugar, unsulfurized molasses or corn syrup have been found in most cases to prolong the insecticidal activity of Malathion against flies.

6076

**MALATHION 55**  
**EPA REG. NO. 34704-3**

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

**USAGE CAUTION: DO NOT USE IN UNDILUTED FORM. DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROP OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH DIRECTIONS. BECAUSE PLANT INJURY, EXCESSIVE RESIDUES OR OTHER UNDESIRABLE RESULT MAY OCCUR.**

**NOTICE**

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

**BEST AVAILABLE COPY**

FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
150 SO. MAIN STREET      FREMONT, NEBRASKA 68025-5897