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Reg # 239-739

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Chevron Chemical Company
Ortho Consumer Products Division
940 Hensley St.
Richmond, CA 94804-0036

AUG 25 1992

Gentlemen:

Subject: Cartridge Sprayer Applicator
Ortho Malathion Spray
EPA Registration No. 239-739
Your Application Dated May 27, 1992 and letter of
August 13, 1992

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable, provided that you:

Submit one copy of your final printed labeling incorporating the following correction before you release the product for shipment.

- Delete the following statements from the label:
- "Special Consumer Offer. See Details Inside."
 - "Save On Your Next Purchase. See Details Inside."
 - "Save On Other ORTHO Products. See Details Inside."

In lieu of deleting these statements, submit the "details" referenced in these statements for review and acceptance prior to releasing the product for shipment bearing these labeling statements.

It is understood that the "instruction booklet" referenced in copy A and copy B duplicates those instructions pertinent to the cartridge sprayer which are given on the basic product label submitted with your subject application.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

It is noted, for the record that the currently registered basic product label for the subject registration contains uses that are not being supported. A preliminary review of your revised, basic label submitted July 21, 1992 deleting such uses indicates that the following item must be submitted to support your proposed continued registration on apples and pears.

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Since the continued registration of malathion on apples and pears is being supported by a party other than your supplier or IR-4, your completed FIFRA section 3(C)(2)(B) Summary Sheet addressing the data compensation requirements must be submitted.

Sincerely yours,

RAF

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 25 1992

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

239-739

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed. Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing vapors or spray mist. STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, wash eyes immediately with fresh water for 15 minutes and see a doctor. If swallowed, give water or milk to drink and telephone for medical advice. Consult medical personnel before inducing vomiting. If medical advice cannot be obtained, then take person and product container to the nearest medical emergency treatment center or hospital. If on skin, wash skin with plenty of soap and water. If inhaled, remove person from exposure area.

Note to Physicians: Emergency Information—call 1 800 457-2022. This product contains a light petroleum solvent and may present an aspiration problem. Malathion is a weak cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine sulfate is antidotal. 2-PAM (PROTOPAM) may also be given in conjunction with atropine but should not be used alone. Keep children and animals away from treated areas until these areas are dry. Food utensils such as teaspoons and tablespoons should not be used for food purposes after use with pesticides.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. 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 OR CHEMICAL HAZARDS: Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

May be applied with an ORTHO SPRAYETTE™, ORTHO DIAL™ or SPRAY® Hose-End Sprayer or tank type sprayer.

FOR OUTDOOR USE ONLY. Spray thoroughly covering both upper and lower leaf surfaces or other infested plant parts. Repeat as necessary. Can be used up to 3 days of harvest on food crops unless otherwise specified. Make new dilution for each use. **NOTE:** 3 teaspoons = 1 Tablespoon = 1/2 oz. **CONTAINS SPREADER.** Contains ORTHOX® a special additive for better insect control. ORTHOX makes your spray spread more evenly and stick better to cover insects on smooth, rough or waxy plant surfaces.

ORNAMENTALS (Roses, Camellias, Azaleas, Stocks, Chrysanthemums, Evergreens)— Aphids: 2 teaspoonsful to 1 gal. water. Red Spider Mites, Spruce Mites, Mealybugs, Lacebugs, Woolly Apher, Hemlock Woolly Adelgid, Whiteflies, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Bagworms, Rose Leafhopper, Japanese Beetle Adults, Box Elder Bugs: 1 Tablespoonful (1/2 oz) per gal. water. Scales (Black Scale, Soft Brown Scale, Oyster Shell Scale): 2 Tablespoonfuls per gal. water. Do not use on Boston, Maidenhair and Pteris ferns, Canaan Juniper and some species of Crassula (example: Jade Plant).

Combination Spray with Fungicide on Roses— ORTHO FUNGINEX® Rose Disease Control may be mixed with this product when listed insect(s) and disease(s) are found on roses. Follow directions and precautions on both labels.

FRUITS (Apples, Pears, Grapes, Apricots, Cherries, Peaches, Strawberries)— Aphids: 2 teaspoonsful to 1 gal. water. Codling Moth, Tent Caterpillar, Red-Banded Leafroller, Plum Curculio, Bud Moth, Fruit Tree Leafroller, Strawberry Leafroller, Spittlebug, Red Spider Mites, Mealybugs, Woolly Apher, Whiteflies, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Grape Leafhopper, Pear Psyllid, Japanese Beetle Adults: 1 Tablespoonful (1/2 oz) per gal. water. Scale Crawlers: 2 Tablespoonfuls per gal. water. Malathion may cause injury to McIntosh and Cortland varieties of apples, to Rose pears and Ribier grapes. Do not apply to Pears within 1 day of harvest or to Apricots and Peaches within 7 days of harvest.

CITRUS (Oranges, Tangerines, Grapefruit, Lemons, Limes) AND MANGO— Aphids, Whiteflies, Black Scale, Purple Scale, Yellow Scale, Florida Red Scale, Thrips: 2 teaspoonsful per gal. water. Thorough coverage of branches and upper and lower leaf surfaces is necessary to control insects. Do not apply during full bloom. Do not apply within 7 days of harvest.

COMBINATION WITH VOLCK Oil Spray on Citrus, Avocados, Mangoes, Gardenias and Lemons for control of Scale Insects, Red Spider Mites, Mealybug, Whiteflies, Thrips, and for the removal of Sooty Mold Fungus through control of Whitefly L. Use: 1/2 teaspoonful Volck Oil Spray and 1 Tablespoonful ORTHO Malathion 50 Insect Spray for each gallon of diluted spray. May be applied on Avocados up to within 7 days of harvest; to Grapefruit, Lemons, Limes and Oranges up to within 7 days of harvest; to citrus, mango, and to Mangoes up to within 7 days of harvest. **DISCLAIMER:** Helps to destroy insect eggs such as Red Spider Mite eggs, Oak Nymph eggs and Codling Moth eggs.

VEGETABLES: Numbers in parentheses indicate days required between last application and harvest. Asparagus (1), Beans (1), Beets (2), Broccoli (3), Brussels Sprouts (7), Cabbage (7), Can-

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taloupe (1), Cauliflower (7), Cucumbers (1), Celery (7), Collards (7), Egg Plant (3), Endive (7), Garlic (3), Kale (7), Leeks (3), Lettuce, Head (7), Leaf (14), Melons (1), Mustard Greens (7), Okra (1), Onions (3), Peas (3), Peppers (3), Potatoes (6), Pumpkin (3), Radish (7), Rutabagas (3), Shallots (3), Squash (1), Spinach (7), Strawberries (3), Sweet Potatoes (3), Swiss Chard (7), Tomatoes (1), and Turnips (7).

TO CONTROL: Aphids—Use 2 teaspoonsful per gallon of water. **TO CONTROL:** Asparagus Beetle, Bean Leaf Beetle, Blister Beetle, Cabbage Looper, Harlequin Cabbage Bug, Imported Cabbageworm, Japanese Beetle, Leafminers, Leafhoppers, Lygus Bug, Mexican Bean Beetle, Onion Maggot (Flies), Onion Thrips, Pickleworm, Red Spider Mite, Strawberry Leafroller, Strawberry Root Weevil, Thrips and Whiteflies—Use 1 Tablespoonful per gallon of water. **TO CONTROL:** Cucumber Beetles and Squash Vine Borers—Use 4 teaspoonsful per gallon of water.

***DO NOT APPLY UNLESS LEAVES ARE DRY.**
HOUSEHOLD PESTS—OUTDOORS ONLY (Roaches, Ants, Clover Mites, Spiders, Silverfish, Crickets, Earwigs): 8 Tablespoonfuls (4 oz.) per gal. water; and **Outside Residue:** Adult Mosquito Control: 9 Tablespoonfuls (4 1/2 oz.) per gal. water. Apply as a coarse spray to lower foundation of house and firewood piles. Repeat as necessary. **NOTE:** Only clover mites (around outside of dwellings and on lawns): Use 2 teaspoonsful per gal. water and treat above areas in a 10 ft. wide strip along side of house. Repeat as necessary.

DO NOT USE IN THE HOME.
HOUSE FLIES, around Dwellings (outside only), Outbuildings, Dairy Barns, Chicken Houses, Stables, Dog Kennels, Patis, Garbage Containers— **SPRAY APPLICATION:** 6 Tablespoonfuls (3 oz.) to 1 gal. water, 3 Tablespoonfuls cane or dog sugar or molasses may increase effectiveness. Spray around house foundation, under porches, along fences, shrubbery and other infested areas. Use 1 gal. diluted spray to 1000 sq. ft. area if ORTHO Lawn Sprayer is used. All bottle with ORTHO Malathion 50 Insect Spray and plan to cover approximately 7500 sq. ft. by the time bottle is empty. **DO NOT APPLY THIS DOSAGE TO ANIMALS.** Remove calves under one month of age before treating. Avoid contamination of milk, milk equipment and water. Maintain sanitary conditions around barns, outbuildings and other areas to prevent fly breeding.

FLEAS on Dogs and Cats: 2 Tablespoonfuls (1 oz.) per gal. water. Wet thoroughly to penetrate hair. Do not apply more than once weekly. **Animal Quarters (Outdoors):** 1/2 Tablespoonful (5 oz.) per gal. water. Spray kennels, pens, yards, lawns and under houses, at the rate of 1 gal. diluted spray, in a tank-type sprayer, per 1000 sq. ft. Remove animals before treatment, putting in fresh bedding after treatment.

BEEF CATTLE: Horn Flies—Use 1/2 pt. (8 oz.) in 5 gal. water (3 1/2 Tablespoonfuls per gal. water). Apply a complete coverage spray. Repeat applications at two week intervals if needed. Do not apply to lactating dairy animals. Do not apply to non-lactating dairy cattle within 2 weeks of freshening. Do not treat calves under 1 month of age. Avoid contamination of feed, food containers and watering troughs.

CHICKENS, DUCKS, GEESE, TURKEYS: Northern Fowl Mite, Poultry Lice—2 Tablespoonfuls (1 oz.) per 1 gal. water per 100 to 150 birds. Spray directly on birds, and repeat at 4 to 8 week intervals or as necessary. **POULTRY MOUSE TREATMENT:** Northern Fowl Mite, Chicken Red Mite, Poultry Lice, Flies—4 Tablespoonfuls (2 oz.) per 1 gal. water. 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. Apply sprays liberally to litter, walls, ceilings, roosts, nests and adjacent areas. Force spray into all cracks and crevices. Repeat as necessary. **Poultry Ticks—** 6 to 7 oz. per 1 gal. water. Apply spray liberally to walls, ceilings and adjacent areas. Force spray into cracks and crevices. Repeat as necessary. **ROOST PAINT:** Chicken Red Mite, Poultry Lice—4 Tablespoonfuls (2 oz.) per 1 gal. water. Brush on a 1 pt. per 150 ft. of roost and repeat as necessary. Avoid contamination of feed, watering troughs and water fountains with spray.

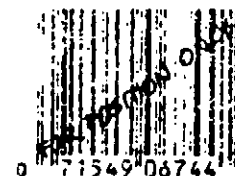
STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.

DISPOSAL: PRODUCT— Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER—** Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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Ortho Consumer Products Division
P.O. Box 5047
San Ramon, CA 94583 0947
Form R9268 W Product 1992
EPA Reg. No. 239 739 ZE



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- o Ready-to-Spray Cartridge
- o Ready-to-Use Cartridge
- o Cartridge Sprayer Refill
- o No Spill
- o No Mix, No Measure, No Messy Clean Up
- o Easy-to-Use
- o For Exclusive Use with ORTHO Cartridge Sprayer
- o Liquid Concentrate
- o To be Used Only with ORTHO Cartridge Sprayer
- o No Mixing or Handling Required
- o Simple Easy-to-Use Application
- o Lock 'n Spray System
- o Patented Lock 'n Spray Design
- o Patented Twist 'n Lock Design
- o See Instruction Booklet Inside Base
- o Twist and Remove Base for Use Instruction Booklet
- o Savings Coupon Inside
- o Special Consumer Offer. See Details Inside.
- o Save on Your Next Purchase. See Details Inside.
- o Save on Other ORTHO Products. See Details Inside.

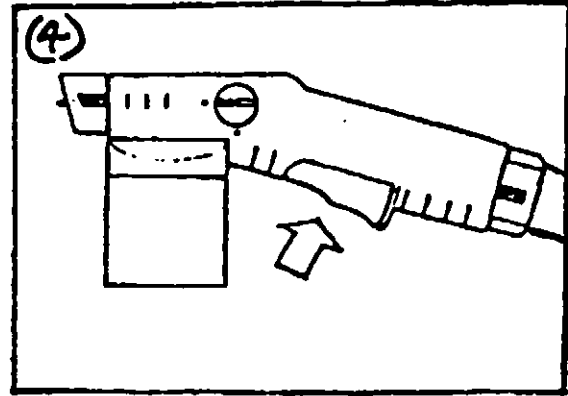
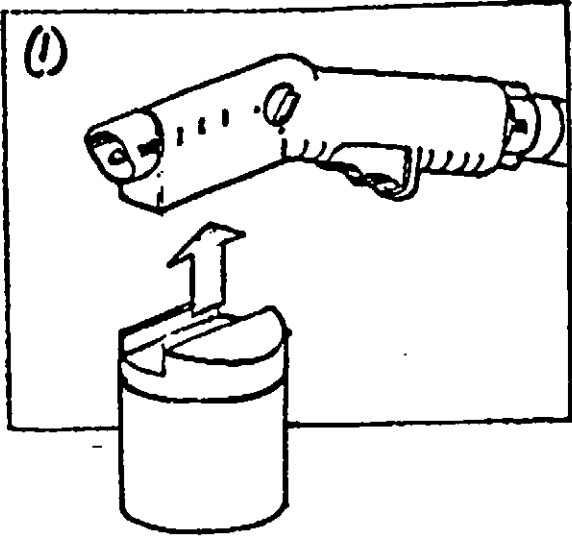
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COPY B

(FOR ORTHO CARTRIDGE SPRAYER ONLY)

DIRECTIONS FOR USE: Twist and remove base from cartridge for use instruction booklet. Connect sprayer to garden hose. (1) Attach cartridge containing product into bottom of sprayer (see diagrams). (2) Grasp container portion of cartridge and twist counterclockwise into "locked" position. Turn on water at the faucet. (3) Turn water control knob on sprayer to ● position. (4) Pull trigger to spray. The sprayer automatically delivers the proper spray solution for the labelled uses. (5) When finished, turn water control knob to ▲. (6) Twist lower container in clockwise direction to unlock. Cartridge automatically reseals itself. Remove cartridge container from sprayer. Flush water through sprayer, turn water off at faucet, and remove from garden hose.

ORTHO CARTRIDGE SPRAYER DIAGRAMS



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