

PM 16 34704-458

13 APR 1989

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Platte Chemical Company
419 18th Street
Greeley, CO 80632

Gentlemen:

Subject: Malspray 8EC
EPA Registration No. 34704-456
Cythion 5EL
EPA Registration No. 34704-457
Malwet 25W
EPA Registration No. 34704-458
Malathion 8 Aquamal
EPA Registration No. 34704-474
50% Malathion Insect Spray
EPA Registration No. 34704-527
Your Application Dated January 6, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

Enclosure

57833:I:A-4:Lachman:LR-10:KENCO:04/06/89:04/17/89:CL:JH:CL
R:53152:A-4:Lachman:M-7:KENCO:4/13/89:4/25/89:rw:

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MALAWEL 25 W

ACTIVE INGREDIENT:

Malathion

INERT INGREDIENTS:

BY WT.

25%

75%

TOTAL

100%

0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate

EPA Reg. No. 34704-458

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION!

HAZARD TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust or spray mist. Avoid contact with skin or clothing. Wash skin thoroughly after handling. Remove and wash contaminated clothing before reuse.

STATEMENT 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 the 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 areas with soap and water. If In Eyes - 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product through any type of irrigation system.

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift, expose workers or other persons. The area being treated must be vacated by unprotected persons. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written or oral warnings must include the following information:

CAUTION

(Insert area or field description) treated with Malathion on (insert date of application). Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Malathion and describe his condition.

The total pounds of Malawel 25W that can be applied per acre is shown in parenthesis () at the end of each fruit and nut crop claim.

Fruit & Nut Crops: Rates recommended by the acre apply in 40 to 100 gallons of water per acre. For air or concentrate rates, use equivalent amounts in not less than 15 gallons of water per acre.

Almonds: Aphids, Red Spiders. Apply 2 to 2½ lbs. per 100 gallons of water. Peach Twig Borer. Apply 3 to 4 lbs. per 100 gallons of water. No time limitations. (32)

Apples: Aphids (Woolly Apteris, Green Apple, Rosy Apple), Putnam Scale, San Jose Scale. Apply 2 to 2½ lbs. per 100 gallons of water. Bagworms, Codling Moth, Plum Curculio, Red Banded Leaf Roller. Apply 3 lbs. per 100 gallons of water. Bud Moth, Leafhopper, Unspotted Tentiform Leaf Miner, Yellow Necked Caterpillars. Apply 2 lbs. per 100 gallons of water. Forbes Scale, Mealy Bug. Apply 2½ lbs. per 100 gallons of water. Tent Caterpillars. Apply 2½ to 4 lbs. per 100 gallons of water. Do not apply within 3 days of harvest. May cause injury to McIntosh and Cortland varieties. Dormant and delayed dormant sprays. Aphids (Woolly Apple, Green Apple, Rosy Apple), Mites, Red Banded Leafroller. Apply 2 lbs. plus 1 gallon Super 94 Oil per 100 gallons of water. Scales (Forbes, Putnam, San Jose). Apply 3 lbs. plus 2 gallons Super 94 Oil per 100 gallons of water. Full coverage spray only (60)

Apricots: Aphid, Codling Moth, Orange Tortrix, Salt Brown Scale, Terrapin Scale. Apply 4 lbs. per 100 gallons of water. *Do not apply within 7 days of harvest (40) *Full coverage spray

Avocados: Greenhouse Thrips, Latania Scale, Omniverous Looper, Orange Tortrix, Brown Soil Scale. Apply 3 lbs. per 100 gallons of water. Do not apply within 7 days of harvest. (36)

Blackberries, Boysenberries, Loganberries: Aphids, Rose Scale. Apply 7 lbs. per acre. Japanese Beetle. Apply 4 lbs. per acre. Leafhopper, Mites, Thrips. Apply 2 lbs. per acre. Do not apply within 1 day of harvest.

Blueberries: Blueberry Maggot (northeast), Apply 2 lbs. per acre; plus Stateys Bail Cherry Fruitworm. Apply 4 lbs. per acre. Cranberry Fruitworm. Apply 2 lbs. per acre. Plum Curculio, Sharp-Nosed Leafhopper. Apply 6 to 8 lbs. per acre. No time limitation.

Cherries: Black Cherry Aphid, Bud Moth, Cherry Fruit Fly, Leafhopper, Japanese Beetle. Apply 2 lbs. per 100 gallons of water. Forbes Scale, San Jose Scale. Apply 2 to 2½ lbs. per 100 gallons of water. Lesser Peach Tree Borer. Apply 4 lbs. per 100 gallons of water. Do not apply within 3 days of harvest. May injure foliage of some varieties. Dormant and delayed dormant sprays. Aphids, Scale insects. Apply 3 lbs. plus 2 gallons Super 94 Oil per 100 gallons of water. (32)

Chestnuts: Mites. Apply 2 lbs. per 100 gallons of water. No time limitations. (20)

Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos): Aphid. Apply 1 to 2 lbs. per 100 gallons of water. Black Scale, California Red Scale, Citricola Scale, Purple Scale, Soil Scale, Yellow Scale. Apply 2½ to 3½ lbs. per 100 gallons of water. Florida Red & Purple Scales. Apply 3 to 5 lbs. per 100 gallons of water. Mediterranean Fruit Fly. Apply 2 to 3 lbs. per 100 gallons of water. Thrips. Apply 3 lbs. per 100 gallons of water. Do not apply within 7 days of harvest. Do not apply during full bloom. (100)

Currants, Gooseberries: Currant Aphid, Imported Currantworm. Apply 8 lbs. per acre. Japanese Beetle. Apply 4 lbs. per acre. Mites. Apply 2 lbs. per acre. Do not apply within 1 day of harvest on currants or 3 days of harvest on gooseberries. (8)

Dewberries: Aphids, Rose Scale. Apply 7 lbs. per acre. Japanese Beetle. Apply 4 lbs. per acre. Leafhoppers, Mites, Thrips. Apply 2 lbs. per acre. Do not apply within 1 day of harvest. (7)

Filberts: Apple Mealy Bug, Eye-Spotted Bud Moth, Filbert Aphid, Scale (crawler stage), Tengds. Apply 2 lbs. per 100 gallons of water. No time limitations. (12)

Grapes: Drosophila. Apply 4 to 5 lbs. per acre. Japanese Beetle. Apply 2 lbs. per acre. Leafhoppers. Apply 1 to 1½ lbs. per acre. Do not apply within 3 days of harvest. May cause injury to Ribur, Cetaia, Cardine and Almeria varieties if applied after clusters appear.

Guava (Hawaii), Mango (Hawaii), Passion Fruit (Hawaii): Fruit Flies. Apply 2 lbs. per 30 to 40 gallons of water or 3 lbs. per 40 to 150 gallons of water plus 1 lb. partially hydrolyzed yeast protein or enzymatic yeast hydrolyzate per acre. Do not apply within 2 days of harvest on Guava and Mango. No time limitation on Passion Fruit. (3)

Macadamia Nuts: Green Stink Bug. Apply 4 lbs. per 100 gallons of water. No time limitations. (60)

Melons: Aphid, Spider Mite, Pickleworm, Leafhopper. Apply 5 to 7 lbs. per acre. Do not apply within 1 day of harvest. Do not apply unless plants are dry.

Nectarines: Mites. Apply 2½ lbs. per 100 gallons of water. Parlatoria Scale. Apply 2 lbs. per 100 gallons of water plus 1 gallon Super 94 Oil. Apply only in petal fall period. Plum Curculio. Apply 3 lbs. per 100 gallons of water. *Do not apply within 7 days of harvest. (40) *Full coverage spray

Papayas: Aphids, Mealy Bugs. Apply 5 lbs. per acre per 100 gallons of water. No time limitations. (5)

Peaches: Aphids (Green Peach, Black Cherry, Black Peach, Rusty Plum), Japanese Beetle, Leafhopper (California). Apply 2 lbs. per 100 gallons of water. Cottony Peach Scale, Mites (European Red, Two-Spotted), Terrapin Scale. Apply 2 to 2½ lbs. per 100 gallons of water. Lesser Peach Tree Borer. Apply 4 lbs. per 100 gallons of water. Oriental Fruit Moth, Plum Curculio. Apply 3 lbs. per 100 gallons of water. Full coverage spray. Do not apply within 7 days of harvest. (dormant and delayed dormant) Aphids. Apply 2 lbs. per 100 gallons of water plus 1 gallon Super 94 Oil. San Jose Scale (California only), Peach Twig Borer, Scale Insects. Apply 3 lbs. per 100 gallons of water plus 2 gallons Super 94 Oil. (36)

Peanuts: Leafhoppers, Thrips. Apply 4 lbs. per acre. No time limitations.

Pears: Aphids. Apply 2 lbs. per 100 gallons of water. Codling Moth, Fruit Tree Leafroller, Plum Curculio, Red-Banded Leafroller. Apply 3 lbs. per 100 gallons of water. Forbes Scale, Mealy Bugs, Mites, Pear Psyllid, San Jose Scale. Apply 2 to 2½ lbs. per 100 gallons of water. *(dormant and delayed dormant spray) Aphids, Leafrollers. Apply 2 lbs. per 100 gallons of water plus 1 gallon Super 94 Oil. Scale Insects. Apply 3 lbs. per 100 gallons of water plus 2 gallons Super 94 Oil. (60) *Do not apply within 1 day of harvest.

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Pecans: *Aphids, Mites, Armyworm* Apply 2 to 3 lbs per 100 gallons of water. *Lesser Peach Tree Borer, Pecan Leaf Casebearer, Pecan Nut Casebearer, Pecan Phylloxera.* Apply 3 lbs. per 100 gallons of water. No time limitations. (50)

Pineapple: *Mealybug* Apply 20 lbs per acre Do not apply within 7 days of harvest (20)

Plums: *Lesser Peach Tree Borer* Apply 4 lbs per 100 gallons of water *Mealy Plum Aphid* Apply 1 lbs per 100 gallons of water *Mites (European Red, Two-Spotted).* Apply 2 to 3 lbs per 100 gallons of water Full coverage spray Do not apply within 3 days of harvest (dormant and delayed dormant) *Aphids* Apply 2 lbs. per 100 gallons of water plus 1 gallon Super 94 Oil *Scale Insects* Apply 3 lbs. per 100 gallons of water plus 2 gallons of Super 94 Oil Full coverage spray only. (40)

Prunes: *Bud Moth* Apply 2 lbs per 100 gallons of water. *Lesser Peach Tree Borer.* Apply 4 lbs per 100 gallons of water *Mealy Plum Aphid* Apply 1 lb per 100 gallons of water *Mites (European Red, Two-Spotted)* Apply 2 to 3 lbs per 100 gallons of water plus 2 gallons Super 94 Oil Full coverage spray Do not apply within 3 days of harvest (dormant and delayed dormant) *Aphid.* Apply 2 lbs per 100 gallons of water plus 1 gallon Super 94 Oil *Scale Insects* Apply 3 lbs per 100 gallons of water plus 2 gallons Super 94 Oil Full coverage sprays only (40)

Quince: *Codling Moth, Oriental Fruit Moth, Plum Curculio* Apply 3 lbs per 100 gallons of water *Forbes Scale* Apply 2 1/2 lbs per 100 gallons of water *Mites* Apply 2 to 2 1/2 lbs per 100 gallons of water Do not apply within 3 days of harvest (60)

Raspberries: *Aphids, Rose Scale* Apply 7 lbs per acre *Japanese Beetle* Apply 4 lbs per acre *Leathopper, Mites, Thrips* Apply 2 lbs per acre *Sap Beetle* Apply 4 to 5 lbs per acre Do not apply within 1 day of harvest (7)

Strawberries: *Aphids, Spider Mites* Apply 2 1/2 lbs per acre *Field Crickets, Lygus Bugs, Spittlebug, Thrips* Apply 4 to 8 lbs per acre *Potato Leathopper, Strawberry Leaf Miner, Strawberry Root Weevil, White Flies* Apply 4 to 6 lbs per acre Do not apply within 3 days of harvest (8)

Walnuts: *Aphids, Mites* Apply 2 to 1 lbs per 100 gallons of water *Walnut Husk Fly.* Apply 1 to 1 1/2 lbs per 100 gallons of water No time limitations (50)

Field & Vegetable Crops: Use rates given in 20 to 50 gallons of water by ground equipment and in 5 to 20 gallons of water by air

Alliaria: *Armyworms* Apply 3 lbs per acre No time limitations Do not apply to crops in bloom

Anise: *Aphids* Apply 4 lbs per acre Apply only to crops to be harvested fresh Do not apply to crops grown for seed or oil Do not apply within 7 days of harvest

Barley, Oats, Corn (field, sweet and pop), Wheat, Rye: Cereal Leaf Beetle Apply 3 to 4 lbs per acre Do not apply within 7 days of harvest on barley, wheat and oats or 5 days of harvest on corn

Beans: *Aphids, Cucumber Beetle, Japanese Beetle* Apply 5 lbs per acre Do not apply within 1 day of harvest

Broccoli: *Aphids, Cabbage Looper, Imported Cabbageworm* Apply 2 lbs per acre *Caterpillars* Apply 5 lbs per acre Do not apply within 3 days of harvest

Brussels Sprouts: *Aphids* Apply 2 lbs per acre *Caterpillars.* Apply 5 lbs per acre Do not apply within 7 days of harvest

Cabbage, Turnips: *Aphids, Cabbage Looper, Imported Cabbageworm* Apply 2 lbs per acre Do not apply within 7 days of harvest on cabbage or 3 days of harvest on turnips

Cauliflower: *Aphids* Apply 2 lbs per acre *Leathoppers* Apply 6 lbs per acre Do not apply within 7 days of harvest

Cauliflower: *Caterpillars* Apply 5 lbs per acre Do not apply within 7 days of harvest

Clover: *Aphids, Grasshoppers, Mites* Apply 4 lbs per acre No time limitations

Collards: *Aphids* Apply 2 lbs per acre *Caterpillars* Apply 5 lbs per acre Do not apply within 7 days of harvest

Cucumbers: *Cucumber Beetles* Apply 7 lbs per acre *Pickworm* Apply 6 lbs per acre Do not apply within 1 day of harvest Do not apply unless plants are dry

Dandelions, Horseradish, Kohlrabi: *Aphids* Apply 2 lbs per acre Do not apply within 7 days of harvest

Eggplant: *Aphids, Spider Mites* Apply 2 lbs per acre Do not apply within 3 days of harvest

Endive: *Aphids, Mites* Apply 2 lbs per acre Do not apply within 7 days of harvest

Garlic: *Aphids, Thrips* Apply 4 lbs per acre Do not apply within 3 days of harvest

Grass & Grass Hay: *Aphids, Leathoppers* Apply 2 lbs per acre *Armyworms* Apply 3 lbs per acre No time limitations

Hops: *Aphids, Mites* Apply 2 lbs per acre Do not apply within 7 days of harvest

Leeks: *Aphids* Apply 4 to 5 lbs per acre *Onion Maggot, Flies* Apply 6 lbs per acre *Thrips* Apply 8 lbs per acre Do not apply within 3 days of harvest

Lettuce: *Aphids, Leathoppers* Apply 5 lbs per acre Do not apply within 7 days of harvest on head lettuce or within 14 days of harvest on leaf lettuce

Mustard Greens: *Aphids, Cabbage Looper, Imported Cabbageworm* Apply 2 lbs per acre *Flea Beetles* Apply 4 to 5 lbs per acre Do not apply within 7 days of harvest

Okra: *Aphids* Apply 6 lbs per acre *Japanese Beetle* Apply 5 lbs per acre Do not apply within 1 day of harvest

Onions (including green onions): *Onion Maggots* Apply 6 lbs per acre *Thrips* Apply 4 lbs per acre Do not apply within 3 days of harvest for green onions

Parsley, Parsnips: *Aphids* Apply 2 lbs per acre Do not apply within 21 days of harvest on parsley or 7 days of harvest on parsnips

apply within 3 days of harvest.

Potatoes: *False Chinch Bug, Mealybugs* Apply 4 lbs per acre *Leathopper* Apply 2 1/2 lbs per acre No time limitations

Pumpkins: *Squash Vine Borers* Apply 7 lbs per acre. Do not apply unless plants are dry Do not apply within 3 days of harvest

Radishes: *Aphids* Apply 2 lbs per acre Do not apply within 7 days of harvest

Salsify: *Aphids* Apply 2 lbs per acre Do not apply within 7 days of harvest.

Shallots: *Aphids, Thrips* Apply 4 lbs per acre Do not apply within 3 days of harvest

Soybeans: *Mexican Bean Beetle* Apply 6 to 8 lbs per acre Do not apply within 3 days of harvest.

Squash: *Cucumber Beetle, Squash Vine Borers.* Apply 7 lbs. per acre *Pickworm* Apply 5 lbs per acre Do not apply within 1 day of harvest. Do not apply unless plants are dry.

Sugar Beets: *Aphids, Mites* Apply 5 lbs per acre *Grasshoppers* Apply 8 lbs per acre Do not apply within 3 days of harvest.

Sweet Potatoes: *Leathoppers* Apply 2 lbs per acre Do not apply within 3 days of harvest

Swiss Chard: *Aphids* Apply 2 lbs per acre Do not apply within 7 days of harvest

Tomatoes: *Aphids, Spider Mites* Apply 2 lbs per acre *Drosophila* Apply 6 lbs per acre *Tomato Russet Mite* Apply 2 to 4 lbs per acre Do not apply 5 days before harvest

Watercress: *Aphids* Apply 2 lbs per acre Do not apply within 7 days of harvest

Ornamentals: *Aphids, Spider Mite, White Fly, Thrips, Mealy Bug, Leathopper, Tent Caterpillars, Lace Bug, Oyster Shell Scale, Tarnished Plant Bug, Leafminer* Apply 2 lbs per acre Do not use on Boston Maiden Hair and Pteris Ferns, and some species of Crassula

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

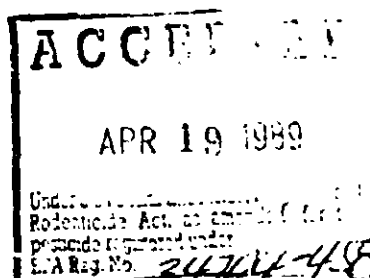
NOTICE

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. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR

PLATTE CHEMICAL COMPANY, INC.

150 SO. MAIN STREET FREMONT, NEBRASKA 68025



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