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AUG 26 1985

Ortho Consumer Products Division
940 Hensley Street
Richmond, CA 94804-0036

Attention: W. L. Chase

Gentlemen:

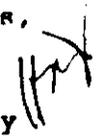
Subject: Orthocide Garden Fungicide
EPA Registration No. 239-729
Application Submission Dated June 14, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Correct the spelling of "person" in the opening statement of the proposed precautionary language.

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

Sincerely yours,


Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

RD/FHB:JOB:88694:Noles:RD-06:Kendrick&Co:898-1270:8/12/85:Del:8/22/85:DKD

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

ORTHOCLIDE Garden Fungicide
EPA Reg. No. 239-729
Submitted: June 14, 1985

COPY A

If swallowed, DO NOT make person vomit. If person is conscious give a large quantity of water or milk to drink and call a doctor or emergency hospital. In case of inhalation, move person to fresh air.

ACCEPTED
with COMMENTS
by EPA Letter Dated

AUG 26 1985

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

239-729

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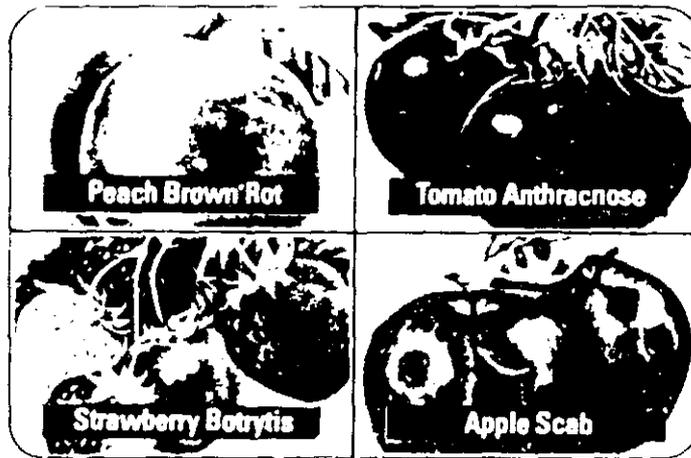


ORTHO

ORTHO-CIDE®

Garden Fungicide

Disease Control for Roses, Vegetables,
Flowers, Lawns, and Fruits (as listed on label)
May Be Used Up To Day Of Harvest.
50% CAPTAN



Active Ingredients	By Wt.
* Captan	47.3%
Related Derivatives	2.7%
Inert Ingredients	50.0%
* N-[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide	

Keep out of reach of children

DANGER

See back panel for additional precautionary statements

NET WT. 1 LB. 1 OZ.

ORTHOCLIDE® Garden Fungicide

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage. Do not get in eyes. Wear goggles or face shield when handling. Avoid inhalation of dust or spray mist. **STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, wash eyes immediately with fresh water for at least 15 minutes and see a doctor. **Note to Physicians:** Emergency information - call (415) 233-3737.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

DIRECTIONS: To control most garden plant diseases, use 3½ Tablespoonfuls ORTHOCIDE Garden Fungicide mixed in each gallon water unless otherwise specified. Use level measure. Mix designated amount in a little water to make a thin paste, add to 1 gallon water and agitate during application. Make new dilution for each use.

FOR BEST RESULTS: Use an ORTHO SPRAY-ETTE Garden Hose Sprayer or Power Sprayer.

ROSES: Black Spot - 3 level Tablespoonfuls ORTHOCIDE Garden Fungicide in 1 gallon water. Apply at first sign of disease. Repeat as necessary. Where **INSECT CONTROL** is also required, add 2 to 3 Tablespoonfuls of ISOTOX Insect Killer depending on what insects are present. Dilute the ORTHOCIDE Garden Fungicide in most of the water. Dilute ISOTOX Insect Killer in balance of water and mix the dilutions together. Spray both sides of leaves thoroughly at 7 to 10 day intervals. Use mixture at once. Do not allow to stand.

TUBEROUS BEGONIAS: Powdery Mildew - 2 Tablespoonfuls in 1 gallon water. Repeat at 7 to 10 day intervals. Apply at first indications of disease. **CARNATIONS: Rust, Alternaria (Leaf Spot); CHRYSANTHEMUMS: Botrytis Flower Blight** - Apply at first sign of disease. Repeat every 7 to 14 days or as necessary.

CUTTINGS (Ornamentals such as Azaleas, Carnations, Chrysanthemums): Damp-Off - 5½ Tablespoonfuls in 1 gal. water. Dip cuttings in mixture before bedding.

BULBS (Gladiolus, Tuberous Begonias): Rot, Damp-Off - Preplanting - 8 Tablespoonfuls in 1 gal. water. Dip bulbs in diluted mixture 20 to 30 minutes, drain and plant. Keep mixture stirred.

SEED TREATMENT - Corn, Beans, Peas, Squash, Melons, Cabbage, Beets, Chard, Spinach, Grass: Seed Rot, Damp-Off - Dust ½ teaspoonful on 1 lb. of dry seeds. Mix thoroughly. Do not use on lettuce seed. Treated seed should be labelled as follows: "TREATED SEED - DO NOT USE FOR FOOD, FEED OR OIL."

LAWNS: Brown Patch, Leaf Spot, Damp-Off, Root Rot, Helminthosporium (Melting Out) - Apply 1 gal. diluted mixture to 100 square feet. **BROWN PATCH - Preventive Application:** Begin applications in early summer especially during hot humid weather. Make 3 applications, the first coming in early summer, the second in a week or 10 days and the third in approximately 30 days. Repeat similar preventive program beginning in August and continuing through September. **Heavy Turf on Light Soil** - 2 lbs. per 100 gals. water (8 teaspoonfuls per 1 gal. water). Use as a heavy drench spray at 1 gallon per 10 sq. ft. of lawn area. **Heavier Soil or Lighter Turf** - Increase to 1 gal. per 20 sq. ft. Make applications 7 days apart for 2 or 3 weeks as necessary to control. Do not graze treated areas. Do not feed clippings to livestock.

TOMATOES: Early and Late Blight, Gray Leaf Spot, Anthracnose, Septoria Leaf Spot - Apply at first sign of disease. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control. **Severe Blight Conditions** - 5½ Tablespoonfuls per gal. water. Begin application 30 days after first bloom. **CANTALOUPE, CUCUMBERS, PUMPKINS, SUMMER SQUASH, WINTER SQUASH, WATERMELONS: Angular Leaf Spot, Anthracnose, Downy Mildew** - Apply at first sign of disease. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control. **Severe Blight of Cucumbers** - Apply to cucumbers before disease is expected to appear as advised by the States Warning Service. Repeat at 5 to 7 day intervals or as necessary to keep diseases under control. **MANGOES: Carcospora Spot or Blotch** - Spray at first signs of disease, then weekly or as needed to keep disease under control.

APPLES AND PEARS: Scab, Fruit Spot, Bitter Rot - Apply in preblossom, petal fall and cover applications. Do not use on D Anjou Pears. **PEACHES: Brown Rot, Peach Scab; CHERRIES: Cherry Leaf Spot, Brown Rot** - Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall.

STRAWBERRIES: Botrytis Rot - Make first application when new growth starts in spring before fruit starts to form. Repeat applications weekly. **Severe Infection Conditions** - Continue applications through harvest period, treating immediately after each picking. **ORANGES, LEMONS, LIMES, GRAPEFRUIT, TANGERINES: Brown Rot (Phytophthora)** - 5½ Tablespoonfuls per gallon water. Apply only to skirts of trees prior to winter rains. Repeat 10 to 12 weeks later.

SOIL TREATMENT on Seedlings or Transplants of Many Flowers and Lawn Seedbeds: Damp-Off, Root Rot - 8 teaspoonfuls to 1 gal. water on 100 sq. ft. area. Work into upper 2 or 3 inches of soil.

COMPATIBILITY: This material is compatible with most commonly used insecticides and fungicides except highly alkaline materials such as hydrated lime. ORTHOCIDE Garden Fungicide should not be used in combination with or closely following oil sprays. Observe all cautions and limitations on labeling of all products used in mixtures.

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 canister may be disposed of by securely wrapping original container in several layers of news-paper and discard in trash. **CONTAINER:** Do not reuse canister. Discard canister in trash.

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

Ortho Chemical Company

Ortho Consumer Products Division

San Francisco CA 94120 7144

Richmond CA 94804 0036

R Form 9070 J Product 1585 Made in U.S.A.

EPA Reg No 739-729 AA

EPA Est 739-11

