

1045
1/19/21
EPA Reg. No. 239-309

ORTHORIX Spray
EPA Reg. No. 239-309
December 3, 1984

COPY A

Spores

COPY B

To condition (remove injurious sodium salts) from lawn and garden soils,
to increase availability of nutrients and improve water

COPY C

Contains 10.4 pounds per gallon

COPY D

NOTE:

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CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA

ACCEPTED
JUN 10 1985
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 239-309

1045
1/19/21
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2-15

Makes up to 48 Gallons
Dilute Pesticide Spray

ORTHO ORTHORIX SPRAY

- For Dormant and Growing Season Disease Control
- Controls Powdery Mildews and Peach Leaf Curl.
- Soil Corrective for Acid-Loving Plants.
- Improves Water Penetration in Heavy Soils.

Lime
Sulfur
Fungicide

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(Illustrations)

Active Ingredient	By Wt.
Calcium Polysulfides	26%
Inert Ingredients	74%
c → alpha p (1,1,3,3-Tetramethylbutyl)	
phenyl omega hydroxypoly(oxyethylene)	100%
Density Baume at 60° F	2900

Keep out of reach of children.
DANGER
 See back panel for additional precautionary statements.

Net Contents 1 Pint

CHEVRON CHEMICAL COMPANY
 1500 CHEVRON DRIVE
 OAK RIDGE, TENNESSEE 37830
 U.S.A.
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Back Panel

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ORTHO ORTHORIX Spray

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER: Corrosive to eyes. Concentrate causes eye damage and skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT: In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. Wash skin thoroughly with soap and water. If swallowed, give large quantities of water, induce vomiting and see a doctor immediately.

Note to Physicians: Emergency Information - call (415) 233-3737.

ENVIRONMENTAL HAZARDS: Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL OR CHEMICAL HAZARDS: MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS.

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: For best results spray to cover all exposed plant parts and repeat as necessary. Do not spray when temperature is expected to exceed 80°F within 24 hours after application. Spray early in the morning or late in the afternoon to avoid burning. Make new dilution for each use. For best results, use an ORTHO SPRAY-ETTE hose end sprayer.

DORMANT SEASON SPRAYING - Mix 10 Tablespoonfuls (5 fl. oz.) per gal. of water. **Black Spot, Powdery Mildew, Rust: Roses** - Prune and destroy all old leaves. Spray bushes in the spring before buds begin to swell.

Peach Leaf Curl, Peach Blight: Peaches - Timing is very important. **Late Fall** - Spray in October or November after leaf drop, but before heavy rains occur. **Mid-Winter** - Apply a full coverage spray in January or February before buds begin to swell. **Note:** If buds have begun to swell or open, it is too late to obtain satisfactory control of Peach Leaf Curl Disease as infection has already occurred. For best results we recommend a combination of late fall and mid-winter applications.

Blister Mites: Pears - Apply in the fall before the leaves start to turn color and again in the spring just as the buds begin to swell.

Leaf Spot, Cane Blight, Red Berry Trouble (Recognized by Dwarf Berries Berries): - Apply in late fall followed by another treatment in spring as buds begin to swell.

COMBINATION WINTER SPRAY - Fruit Trees, Roses, and Deciduous (no leaves in winter) Hedge Plants, Shade Trees and Shrubs (Dormant, deciduous only) - San Jose Scale, Rose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, Over-wintering Insect Eggs, Many Overwintering Fungus Spots or Plant Diseases: FOR BEST RESULTS: Use 1 1/2 pts. ORTHORIX Spray and 1/2 pt. Volck Oil Spray in 6 gals. water (7 1/2 Tablespoonfuls ORTHORIX Spray and 2 1/2 Tablespoonfuls Volck Oil per gallon). Agitated during spraying.

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4-20-5

GROWING SEASON SPRAYING -

Powdery Mildew: Roses, Delphinium, Lilacs, Euonymus Columbine, Crape Myrtle, Sweet Peas, Zinnias, Western Grapes, Fruits, Ornamentals, Tuberous Begonias; **Black Spot, Rust:** Roses - Mix 2 teaspoonfuls per gal. water on tender new growth and 3 teaspoonfuls per gal. on mature foliage. Apply every 1 to 2 weeks.

For Severe Black Spot on Roses: Use ORTHO PHALTAN Rose & Garden Fungicide or ORTHO FUNGINEX Rose Disease Control.

Rust Mites - Citrus in Florida and adjacent states: Apply in late spring (April or May) at 3/4 cupful (6 oz.) per 5 gals. water and again in late summer (August 15 to September 15) and autumn (October 15 to December 15) at 3/4 cupful (6 oz.) per 5 gals. water and January 1/2 cupfuls (10 oz.) to 5 gals. water. Tangerines should be sprayed during late winter and early spring (February 15 to April 15). **Note: Early and mid-season oranges may be injured from ORTHORIX Sprays applied during summer and early fall months.**

Scabs: Pears, Apple - Mix 1 teaspoonful in 1 gal. water. Apply from swelling bud stage at 7 day intervals for 3 to 4 applications. Make additional 7 day applications in humid or wet weather.

COMBINATION INSECT AND DISEASE CONTROL SPRAY - To control Insects and Listed Diseases on Roses and Many Other Ornamentals - Mix 2 teaspoonfuls ORTHORIX Spray and 1 Tablespoonful ISOTOX Insect Killer in 1 gal. water on young foliage. If mildew becomes severe later in the season, ORTHORIX Spray dosage should be increased to 4 teaspoonfuls per gal. water in this combination. **TO MIX:** Put water in sprayer, add ORTHORIX and then ISOTOX Insect Killer.

LAWN AND SOIL TREATMENT ^B

LAWNS, GARDENS: ~~To condition alkaline lawn and garden soils and improve water penetration and moisture retention in heavy soils, apply 1 pt. in 15 gals. water on 500 sq. ft. of area. Apply with ORTHO Lawn Sprayer or watering can. After application, water lawn moderately. Apply every 60 days throughout spring and summer season as needed.~~

SOIL CORRECTION FOR ACID LOVING PLANTS - RHODODENDRONS, AZALEAS, CAMELLIAS: Mix 1 teaspoonful per gal. water. Apply 1/3 gal. diluted material per plant to surface of soil around plant. Repeat treatment every 2 to 3 months until plants regain proper growth.

D → Avoid spraying on painted surfaces to avoid staining. Do not use on Apricots as they are injured by sulfur sprays. Do not use on Chrysanthemums in Pacific Northwest states. Keep bottle tightly closed when not in use. If a crust should form on the surface, break through the crust and shake thoroughly. Product quality is not impaired by crystallization.

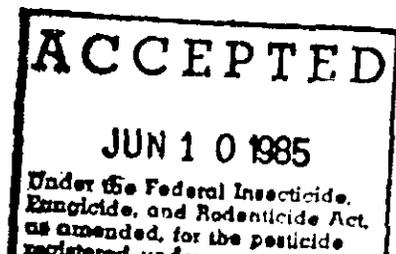
STORAGE AND DISPOSAL

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 use 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.

FUNGINEX ^R - Reg. TM of CELAMERCK GmbH Company for Triforine Fungicide.

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



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595

Chevron Chemical Company c 1984
ORTHO Consumer Products Division
San Francisco CA 94120-7144
Richmond CA 94804-0036
Product 1136 Made in U.S.A.
Form 10457-A
EPA Reg. No. 239-309-AA
 S M
EPA Est. 239-NJ-1, 239-MO-1
Superscript used is first letter of lot number.

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