

PM 21

239-309

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10/16/94 CON OUTDOOR USE ONLY

ORTHO® ORTHORIX® SPRAY

[ABN] ORTHO® Dormant Disease Control Lime Sulfur Spray

[7/18/96] Concentrate

Makes up to 48 gallons dilute pesticide 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

Active Ingredient	By Wt.
Calcium Polysulfides.....	26%
Inert Ingredients.....	74%

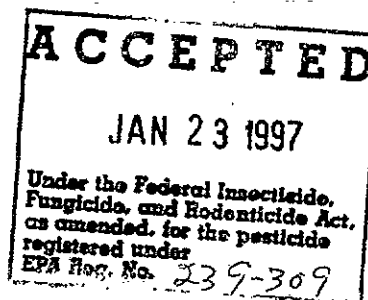
Contains 2.7 lbs of calcium polysulfides per gal

KEEP OUT OF REACH OF CHILDREN

DANGER

See back panel booklet for additional precautionary statements.

NET CONTENTS 16 FL OZ (1 PT) 473 mL



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10/16/94 [THE FOLLOWING COPY IS FOR FIX-A-FORM BOOKLET TYPE LABELS WHICH CONSUMERS CAN OPEN, READ, AND RESEAL EASILY AT RETAIL AS WELL AS AT TIME OF USE]

For Dormant and Growing Season Disease Control - Controls Powdery Mildews and Peach Leaf Curl

Peel open for use directions and further information

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. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

PULL HERE TO OPEN LABEL PRESS TO RESEAL

Medical information call 1-800-454-2333
Product information call 1-800-225-2883

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Manufactured for
The SOLARIS Group of
Monsanto Company
P.O. Box 5008
San Ramon, CA 94583-0808
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Superscript is first letter of lot number
Made in USA

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12/24/96

PULL HERE TO OPEN LABEL PRESS TO RESEAL

Peel open for use directions and further information

For Dormant and Growing Season Disease Control Controls: Powdery Mildews and Peach Leaf Curl

[STOP ICON] READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

~~READ ENTIRE LABEL AND PAMPHLET AND USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS ON BOTH.~~

1 tsp = teaspoon

1 Tbs = Tablespoon

2 Tbs = 1 oz

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. 12/6/96 Spray when the air is calm. Make new dilution for each use. May be applied with an ORTHO-SPRAY-ETTE® hose-end sprayer or tank-type sprayer. NOTE: Do not use Dormant Season rates if leaves are present on plants as foliar injury may occur.

DORMANT SEASON SPRAYING – Mix 10 Tbs (5 fl oz) per gal of water. May also be applied with an ORTHO DIAL n' SPRAY® Hose-End Sprayer. Pour product, undiluted, into sprayer jar. (Do not add water.) Set dial at 5 fl oz/gal of water and spray.

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 (Shot Hole Fungus): Peaches – Timing is very important. 11/16/94 For best results we recommend a combination of late fall and mid-winter applications. **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. Information moved above from last sentence in paragraph to improve information flow

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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, Overwintering Insect Eggs, Many Overwintering Fungus Spores or Plant Diseases:
FOR BEST RESULTS: Use 5 Tbs ORTHORIX Spray, ORTHO Dormant Disease Control Lime-Sulfur Spray and 5 Tbs VOLCK® Oil Spray in 1 gal water. Keep agitated during spraying.

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 tsp per gal water on tender new growth and 3 tsp per gal on mature foliage. Apply every 1 to 2 weeks. For Severe Black Spot on Roses: Use ORTHO Multi-Purpose Fungicide DICONIL 2787® 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 gal 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 gal water and January 1 1/4 cupfuls (10 oz) to 5 gal water. Spray 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 Spray applied during summer and early fall months.

Scabs: Pears, Apple – Mix 1 tsp 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 tsp ORTHO Dormant Disease Control Lime-Sulfur Spray and 1 Tbs ISOTOX® Insect Killer in 1 gal water on young foliage. If mildew becomes severe later in the season, increase ORTHORIX Spray ORTHO Dormant Disease Control Lime-Sulfur Spray dosage should be increased to 4 tsp per gal water in this combination. **TO MIX:** Put water in sprayer, add ORTHORIX Spray ORTHO Dormant Disease Control Lime-Sulfur Spray and then ISOTOX® Insect Killer.

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LAWN AND SOIL TREATMENT

LAWNS, GARDENS: To condition (To remove injurious sodium salts) from lawn and garden soils, to increase nutrient availability of nutrients and improve water penetration and moisture retention in heavy lawn and garden soils, apply 1 pt oz in 15 gals water on 500 sq ft of area. ~~Treatment rates spelled out per gallon to improve consumer understanding~~ Apply with ORTHO Lawn a 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 tsp per gal water. Apply 1/3 gal diluted material per plant to surface of soil around each plant. Repeat treatment every 2 to 3 months. ~~until plants regain proper growth.~~

NOTE: Avoid spraying on painted surfaces to avoid staining. Do not use on Apricots as they are injured by sulfur sprays. Do not use on Chrysanthemum 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: ~~Store product in a secure in a secure locked place, inaccessible to children and pets~~ 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 ~~Do not reuse container. Securely wrap partially filled or empty container in newspaper and discard in trash. Do not pour unused product or rinse water down any drain. 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.~~

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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: FIRST AID: 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: Drink promptly a large quantity of milk, egg white, gelatin solution or if these are not available, large quantities of water. Get medical attention. Do not induce vomiting. Give large quantities of water, induce vomiting and see a doctor immediately. **Note to Physicians:** Emergency Information call 1-800-457-2022/454-2333.

Corrosive to eyes. Harmful if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irreversible eye damage and skin burns. Do not breathe dust, vapor or spray mist. Do not get in eyes, on skin or on clothing.

Wear long-sleeved shirt and long pants, socks, chemical resistant footwear, waterproof gloves, safety glasses or goggles and a hat. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

FIRST AID: IF IN EYES: Immediately, hold eyelids open and flush eyes with a gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Immediately telephone a poison control center, emergency treatment center or physician for advice. **DO NOT** induce vomiting. If medical advice cannot be obtained, then immediately take person and product container to an emergency treatment center or hospital. **Note to Physician:** Probable mucosal damage may contraindicate gastric lavage. Emergency Information call 1-800-454-2333.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

ENVIRONMENTAL HAZARDS: Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from areas treated. [Information move to directions to use]

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

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

Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

ORTHO®, DIAL n' SPRAY®, VOLCK®, ISOTOX® Trademark of Monsanto Company
DACONIL 2787® Trademark of ISK Biotech Corp
FUNGINEX® Trademark of American Cyanamid Company
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