



ACCEPTED

APR 10 1984

for the Federal Insecticide,
Fungicide, and Rodenticide Act
registered for the pest control
of

LIME SULFUR SOLUTION

Fungicide-Insecticide-Miticide



PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals—DANGER Causes eye, nose, and throat irritation, eye irritation and skin irritation. Harmful if swallowed or absorbed through the skin. Do not get on face, hair, or clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing spray mist. **Environmental Hazards.** Do not apply directly to water. Do not apply where runoff could reach 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. MIXED WITH ACIDS.**

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner not specified by the directions.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Do not store in excessive heat or at temperatures below 5 F. Do not reuse empty container. Wrap up, if it is an empty, wash container.

AGRICULTURAL FRUIT AND NUT CROPS

ALMONDS: Powdery Mildew, Shothole—8 gals. per 100 Gallons of Diluted Spray Solution. Apply at weekly intervals between Nov. 15 and Dec. 15. **APPLES: Blotch**—2 gals. per 100 Gallons of Diluted Spray Solution. Applied pre-bloom, petal fall and 10 days after petal fall. **Leafspots**—7.5 to 10 gals. per 100 Gallons of Diluted Spray Solution. In delayed dormant or 0.5 gals. per 100 Gallons of Diluted Spray Solution in growing season. **Powdery Mildew**—0.5 to 3 gals. per 100 Gallons of Diluted Spray Solution in pre-pink, pink and full stages and throughout season as necessary. **Scab**—6 to 11 gals. per 100 Gallons of Diluted Spray Solution as 1 time in delayed dormant spray or 0.5 to 3 gals. per 100 Gallons of Diluted Spray Solution in pre-pink, pink and full periods. Note: Delicious Apples may be injured by 1.5 to 2 gals. per 100 Gallons of Diluted Spray Solution in dormant, pre-pink and pink stages. **BLUEBERRIES: Phomopsis Cane and Twig Blight**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **Blackberry Blight**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **Note to User:** Do not spray within 14 days of an oil spray or when temperature is above 75 F. **BURNING:** Do not apply during periods of warm temperature. **BLACKBERRIES: Anthracnose, Powdery Mildew, Rust**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **CANE BLIGHT: Overwintering Fungus Spores**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **CHEERRIES (SWEET): Coryneum Blight**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **Powdery Mildew**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **CHEERRIES (TART): Brown Rot Blossom Blight, Leafspot, Scab**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **BROWN ROT (FRUIT): Leafspot, Powdery Mildew**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **CORYNEUM BLIGHT**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **CUR**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **PLUMS: Anthracnose, Powdery Mildew**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **PLUMS: Anthracnose, Powdery Mildew**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **PEARS: Powdery Mildew, Scab**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **PEARS: Powdery Mildew, Scab**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages. **PEARS: Powdery Mildew, Scab**—10 to 15 gals. per 100 Gallons of Diluted Spray Solution applied in dormant, pre-pink and pink stages.

Powdery Mildew—0.5 gals. per 100 Gallons of Diluted Spray Solution applied at weekly intervals beginning 3 to 5 weeks before harvest. **PRUNES: Black Knot**—6 gals. per 100 Gallons of Diluted Spray Solution applied at green tip stage. **Brown Rot (Fruit Rot), Leafspot, Powdery Mildew**—0.5 gals. per 100 Gallons of Diluted Spray Solution applied at weekly intervals beginning 3 to 5 weeks before harvest. **QUINCES: Scab**—1 gal. per 100 Gallons of Diluted Spray Solution applied at 10 day intervals during primary infection period. **RASPBERRIES: Anthracnose, Powdery Mildew**—8 gals. per 100 Gallons of Diluted Spray Solution applied when new canes are 8 to 12" long or for Anthracnose use 12 gals. per 100 Gallons of Diluted Spray Solution applied when buds begin to break. **Cane Blight, Overwintering Fungus Spores**—1 to 3.5 gals. per 100 Gallons of Diluted Spray Solution applied at Spring bud swell repeated in late Fall dormant period. **Spur Blight**—10 to 12 gals. per 100 Gallons of Diluted Spray Solution applied in delayed dormant when buds begin to break.

HARD OR ARMORED SCALES ON FRUIT AND ORNAMENTALS: Scurfy Scale, San Jose Scale, Euonymus Scale, Pine Needle Scale, Juniper Scale on most Ornamental and Fruit trees such as Apple, Peach, Lilac, Ash, Poplar, Dogwood, Elm, Birch, Willow, Euonymus, Pines, and Junipers. Spray when trees are fully dormant and use at rate of 10 to 12 gals./100. **CITRUS: Red Spiders**—2 gals. per 100 Gallons of Diluted Spray Solution applied when spiders appear. **Thrips**—2 gals. per 100 Gallons of Diluted Spray Solution applied where recommended by State Agricultural Extension Service.

ORNAMENTAL CROPS

BEGONIAS (Tuberous), COLUMBINE, CRAPE MYRTLE, DAHLIAS, DELPHINIUMS, EUONYMU', LILACS, MARIGOLDS, SWEET PEAS, ZINNIAS: Powdery Mildew—1 to 2 qts./100 gals. applied when foliage appears and repeated at 7 to 10 day intervals as needed. **BOXWOOD: Canker**—2 gals. per 100 Gallons of Diluted Spray Solution applied in Spring dormant period when leaves are cleaned up. Repeat at Spring midgrowth, completed growth, and Fall growth. **DECIDUOUS, HEDGE PLANTS, SHADE TREES and SHRUBS: Anthracnose, Leaf Blotch, Nectria Canker, Powdery Mildew**—10 gals. per 100 Gallons of Diluted Spray Solution applied as a full cover dormant spray. **ROSES: Anthracnose, Black Spot, Brown Canker**—6.7 gals. per 100 Gallons of Diluted Spray Solution applied as leaves begin to emerge or Anthracnose, Black Spot, Powdery Mildew and Rust—12.5 gals. per 100 Gallons of Diluted Spray Solution applied when dormant. **Stem Canker**—11.0 gals. per 100 Gallons of Diluted Spray Solution applied Fall and Spring at bud swell.

UNLESS OTHERWISE STATED, RATES OF LIME SULFUR SOLUTION ARE GIVEN IN GALLONS PER 100 GALLONS OF DILUTED SPRAY SOLUTION.

DILUTION CHART

| GALS. 100 | AMOUNT:GAL |
|-----------|------------|
| 1 | 1.0 |
| 2 | 0.5 |
| 3 | 0.33 |
| 4 | 0.25 |
| 5 | 0.2 |
| 6 | 0.17 |
| 7 | 0.14 |
| 8 | 0.13 |
| 9 | 0.11 |
| 10 | 0.1 |
| 12 | 0.08 |
| 15 | 0.07 |
| 20 | 0.05 |
| 25 | 0.04 |
| 30 | 0.03 |
| 40 | 0.025 |
| 50 | 0.02 |
| 60 | 0.017 |
| 75 | 0.013 |
| 100 | 0.01 |

WARRANTY:

The use of this material being beyond our control and involving elements of risk to human beings, animals and vegetation, we do not make any warranty, express or implied, as to the effects of such use when this product is not used in accordance with the directions as stated on this label.