

1/3 72-19 PM-21

1/37



**ACCEPTED**  
 5-5-88  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 72-19

DO NOT STORE  
BELOW 5° F.

# LIME SULFUR SOLUTION

FOR AGRICULTURAL USES ONLY  
Fungicide-Insecticide-Miticide

ACTIVE INGREDIENT:  
Calcium Polysulfide

BY WEIGHT  
 29%  
 71%  
 100%

INERT INGREDIENTS:

TOTAL

EPA Reg. No. 72-19

Test: 32° Baume at 60°F.

EPA Est. No. 769-GA-1

KEEP OUT OF REACH OF CHILDREN

**DANGER PELIGRO**

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado amplemente.

### STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of clean water and see a doctor. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Launder clothing before reusing. IF SWALLOWED: Drink large quantity of water and induce vomiting by touching back of throat with finger. Call a physician or Poison Control Center. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. IF INHALED: Remove victim to fresh air.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured For:  
 MILLER CHEMICAL & FERTILIZER CORPORATION  
 Hanover, Pennsylvania 17331

NET CONTENTS: 5 GALLONS LIQUID

2/3

2

### PRECAUTIONARY STATEMENTS

**Hazards to Humans and 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. **Environmental Hazards:** Do not apply directly to water. Do not apply where runoff is likely to occur. 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. Do not apply this product through any type of irrigation system.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic containers may be incinerated or, if allowed by state and local authorities, burned. If burned, stay out of smoke.

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.
0.5	3.8 tsp.
2.0	5.05 tbs.
6.0	7.7 fl. oz.
7.5	9.6 fl. oz.
10.0	13.0 fl. oz.
12.0	15.4 fl. oz.

**NOTE:** Do not use within 14 days of an oil spray or when temperature is above 75°F. Burning of foliage may occur when used during periods of warm temperature.

### ORNAMENTAL CROPS

**BEGONIAS (Tuberous), COLUMBINE, CRAPE MYRTLE, DAHLIAS, DELPHINIUMS, EUONYMUS, LILACS, MAJOLICA, 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.

**HARD OR ARMORED SCALES ON ORNAMENTALS:** Scurfy Scale, San Jose Scale, Evonymus Scale, Pine Needle Scale, Juniper Scale on most Ornamental trees such as, Lilac, Ash, Poplar, Dogwood, Elm, Birch, Willow, Evonymus, Fines, and Junipers: Spray when trees are fully dormant and use at rate of 10 to 12 gals./100 gals.

**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.

38M MP

Prod. No. - 5 Gal. #12691  
55 Gal. #12694

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**RE-ENTRY AND ADDITIONAL APPLICATION RESTRICTIONS FOR  
AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS**

Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area treated must be vacated by unprotected persons.

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 closely woven fabric covering the body), shoes and socks.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in treated area or in an area about to be treated with this product. Instruct workers of the area or fields that must be vacated and not re-entered until the sprays have dried. Acquaint workers with the information appearing on this label under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment". When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: 1) The name of this product, 2) Date of application; 3) The statement: "Do not enter without appropriate protective clothing until sprays have dried." 4) The information given under "Hazards to Humans and Domestic Animals" and "Statement of Practical Treatment" that is appropriate in case of accidental exposure.

**DIRECTIONS FOR USE ON AGRICULTURAL CROPS REQUIRING FARMWORKER HAND LABOR TASKS  
AGRICULTURAL FRUIT AND NUT CROPS**

**ALMONDS:** Powdery Mildew, Shothole—8 gals. per 100 Gallons of Diluted Spray Solution. Apply two week 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 prepink, pink, and calyx stages and throughout season as necessary. **Scab**—6 to 11 gals. per 100 Gallons of Diluted Spray Solution as dormant or delayed dormant spray or 0.5 to 3 gals. per 100 Gallons of Diluted Spray Solution in prepink, pink, and calyx periods. Note: Delicious Apples may be injured—use 1.5 to 2.0 gals. per 100 Gallons of Diluted Spray Solution in dormant, prepink, and pink stages. **BLUEBERRIES:** **Phomopsis Cane and Twig Blight:** 5 to 6 gals./100 to 150 gals. of diluted spray per acre. Apply delayed dormant stage after leaf buds begin to break. **Note to User:** Do not use within 14 days of an oil spray or when temperature is above 75°F. Burning of foliage may occur when used during periods of warm temperature. **BLACKBERRIES:** **Anthracoese, Powdery Mildew, Rust**—6 to 12 gals. per 100 Gallons of Diluted Spray Solution applied in dormant or delayed dormant stages 0.5 gals. per 100 Gallons of Diluted Spray Solution when fruit canes are a foot long and before blossoms open. **Cane Blight, Overwintering Fungus Spores**—2 to 4 gals. per 100 Gallons of Diluted Spray Solution at Spring bud swell repeated in late Fall dormant. **CHERRIES (SWEET):** **Coryneum Blight**—6 to 11 gals. per 100 Gallons of Diluted Spray Solution dormant or delayed dormant. **Powdery Mildew:** 7.5 gals. per 100 Gallons of Diluted Spray Solution delayed dormant. **CHERRIES (TART):** **Brown Rot Blossom Blight, Leafspot, Scab**—1.5 gals. per 100 Gallons of Diluted Spray Solution applied prebloom, early bloom, and full bloom. **Brown rot (fruit), Leafspot, Powdery Mildew**—0.5 gals. per 100 Gallons of Diluted Spray Solution. Apply 3 to 5 weekly sprays just before harvest. **Coryneum Blight**—6 to 11 gals. per 100 Gallons of Diluted Spray Solution in dormant or delayed dormant period. **CURRENTS, GOOSEBERRIES:** **Anthracoese**—2 to 2.5 gals. per 100 Gallons of Diluted Spray Solution applied at bud break stage repeated in 10 to 15 days. Use 1.5 to 2.5 gals./100 gals. at 10 day intervals if necessary. **Powdery Mildew**—1.5 qts./100 gals. applied before and after bloom.

**GRAPES:** **Anthracoese, Powdery Mildew**—2 qts./100 gals. applied when new shoots are 4 to 6" long. **NECTARINES:** **Brown Rot, Leafspot, Shothole**—7 gals. per 100 Gallons of diluted Spray Solution. Apply 3 to 5 sprays at weekly intervals before harvest. **Leaf Curl**—6 gals. per 100 Gallons of Diluted Spray Solution applied in early Winter and late dormant period. **Powdery Mildew**—2 to 3 qts./100 gals. applied when disease appears.

**PEACHES:** **Brown Rot (fruit), Leaf Spot**—2 qts./100 gals. applied 3 to 5 times at weekly intervals before harvest. For **Brown Rot Blossom Blight**—3 qts. to 1.5 gals. per 100 Gallons of Diluted Spray Solution applied prebloom, early bloom and full bloom stages. **Leaf Curl, Scab, Shothole**—4 to 12 gals./100 gals. for leaf curl only, use 8 gals. per 100 gals. in dormant period. **Powdery Mildew**—7.5 gals. per 100 Gallons of Diluted Spray Solution at dormant stage, 4 to 5 gals. per 100 Gallons of Diluted Spray Solution at green tip stage or 1.5 qts./100 gals. as summer foliage spray. **PEARS:** **Powdery Mildew, Scab**—6 to 11 gals. per 100 Gallons of Diluted Spray Solution in dormant or delayed dormant period or use 2 qts./100 gals. in prepink, pink and calyx periods. For **Powdery Mildew**—continue spray throughout growing season. Do not use on d'Anjou Pears after calyx. **PLUMS:** **Blotch, 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**—2.5 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:** **Anthracoese, Powdery Mildew**—8 gals. per 100 Gallons of Diluted Spray Solution applied when new canes are 8 to 12" long or for **Anthracoese** 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**—**Scurfy Scale, San Jose Scale, Euonymus Scale, Pine Needle Scale, Juniper Scale** on most Ornamental and Fruit trees such as Apple and Peach. 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.

**DIRECTIONS FOR USE ON LIVESTOCK**

For Control of Sarcoptic Scabies on Beef and Dairy Cattle and Psoroptic Scabies (Mange) on Sheep and Cattle—Mix 7 parts water to one part MILLER LIME SULFUR for use in a high pressure sprayer. Apply directly to skin surface of affected cow to point of run-off for greatest effectiveness. Temperature of the mixture should be approximately 100°F Treatment should be repeated at 10-13 day intervals.

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