

**DIRECTIONS FOR USE**

**CATTLE:** Lime-Sulphur Utility Concentrate is used warm (95° to 105° F.) for dipping animals affected with cattle scab, particularly barn itch or Sarcoptic Mange, Tail Mange or Chorioptic Mange, and Common Scab or Psoroptic Mange; 2 dippings within 10 to 14 days will control any of these. Frequent dippings may delay the progress of mild cases of Follicular Cattle-Mange.

**SHEEP:** Lime-Sulphur Utility Concentrate is used for the control of Sheep Scab or Psoroptic Mange and Sarcoptic Mange; the warm dip (95° to 105° F) is applied in a vat to each affected animal for 2 minutes. The strength of the Lime-Sulphur dip must be maintained at not less than 2% Sulfide Sulphur at all time.

In the treatment of Head Mange or Sarcoptic Mange, thorough soaking of the mangy parts with warm Lime-Sulphur dip every 5 or 6 days for 1 month or 6 weeks will usually be effective.

**NOTE:** No dip should be used in official dipping for Sheep Scab or Psoroptic and Sarcoptic Mange unless the strength of the dip can be determined in the field by means of a (portable) testing outfit.

**SWINE:** Lime-Sulphur Utility Concentrate is effective in controlling common Hog Mange or Sarcoptic Mange when 4 or more dippings are given at 6 or 7 day intervals. The temperature of the dip should be maintained at 95° to 100° F., and infected hogs should be held in the swim for 3 minutes. It is recommended that hard scabs be scrubbed and soaked with warm Lime-Sulphur dip just before the first dipping.

**EQUINES:** From 4 to 6 dippings with warm 90° to 95° F. Lime-Sulphur dip 5 to 7 days apart, usually effect control in ordinary cases of Common Horse Mange or Psoroptic Mange.

In Psoroptic Mange, 2 treatments — in chronic cases, however, 4 or more dippings — 10 to 12 days apart, are usually effective.

Soaking parts affected with Foot Mange or Chorioptic Mange in Lime-Sulphur dip every 10 days or driving animals through wading tanks filled with this dip will control this condition completely.

**DORMANT AND DELAYED DORMANT SPRAYS FOR CONTROL OF INSECTS, MITES AND PLANT DISEASES IN FRUIT TREES AND BERRIES:**

The addition of a wetting agent or spreader to the spray is recommended for best results. Enough wetting agent should be added to make the spray spread rapidly over the leaves, wetting all surfaces. However, avoid excessive amounts which cause too much run-off.



# LIME-SULPHUR UTILITY CONCENTRATE

**ACTIVE INGREDIENTS:**

Calcium Polysulfide ..... 31%

**INERT INGREDIENTS** ..... 69%

Total ..... 100%

**FOR USE IN THE CONTROL OF SCABIES or Sarcoptic and Psoroptic Mange**

**AND AS A DORMANT OR DELAYED DORMANT SPRAY for Fruit Trees and Berries**

**General Directions:** Cattle — Add 1 gal. of the solution to 15 gal. of water. Sheep and Swine — Add 1 gal of the solution to 20 gal of water.

**CAUTION:** Lime-Sulphur applications may produce injury if followed by hot weather.

**APPLES:** Apply as a dormant spray (before buds break) using 11 Gallons Lime-Sulphur Utility Concentrate and 1 Pint of 40% Nicotine sulfate to 100 gallons of water. This will control Scale, Rosy and Green Aphids, Brown Mites, Blister Mites and

Apply as a delayed dormant spray (when buds are in green tip to showing pink stage) using 7-1 2 gallons Lime-Sulphur Utility Concentrate and 1 Pint of 40% Nicotine sulfate to 100 gallons of water. This will control Scale, Aphids, Brown Mite, Blister Mite, and Mildew. Do not apply Lime-Sulphur to Delicious Apples as a delayed dormant spray as severe injury to buds may result.

**PLACHES:** Apply as a delayed dormant spray (as buds begin to swell - to advanced pin stage) using 7-1 2 gallons Lime-Sulphur Utility Concentrate and 1 Pint 40% Nicotine sulfate to 100 gallons of water. This will control Twig Borer, Aphids, Scale, Brown Mite and

**PEARS:** Apply as a dormant spray (before buds break) using 7-1 2 gallons Lime-Sulphur Utility Concentrate to 100 gallons of water. This will control Scale, Brown Mite and Blister Mite.

**SWEET CHERRIES:** Apply as a delayed dormant spray (as leaf buds begin to break) using 7-1 2 gallons Lime-Sulphur Utility Concentrate and 1 Pint 40% Nicotine sulfate to 100 gallons of water. This will control Aphids, Scale and

**PECANS:** Apply as a delayed dormant spray or until buds show 1-2 inches of growth using 2-1 2 gallons of Lime-Sulphur Utility Concentrate and 3-1 Pint 40% Nicotine Sulfate to 100 gallons of water. This will control Pecan Phylloxera.

**BLACKBERRY, BOYSENBERRY, DEWBERRY, AND LOGANBERRY:** To control Redberry Mite, apply as a dormant spray using 6 gallons Lime-Sulphur Utility Concentrate to 100 gallons of water at the rate of 100 gallons of spray per acre.

To control Redberry Mite, apply on plants when fruit spurs are 1 foot long using 2-1 2 gallons Lime-Sulphur Utility Concentrate to 100 gallons of water at the rate of 100 gallons of spray per acre.

**NON-WARRANTY:** Seller makes no warranty expressed or implied regarding this product except the composition as set forth in the ingredient statement herein. Buyer and user assumes all risk of possession, handling or use whether in accordance with any directions contained herein or not.

Contents Gal.

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