

## **APPLES/BLOSSOM THINNING - EASILY THINNED**

### General Information

#### INSTRUCTIONS FOR USE

Some fruits and other plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proved that sulfur does not damage crops in that locality.

**USE PRECAUTIONS:** Do not use this product within 30 days of an oil spray at any stage other than dormant (deciduous only) unless prior experience in your immediate area has shown that shorter intervals will not result in phytotoxic injury. Lime-Sulfur may burn foliage when temperature is high; avoid applying this material during very hot periods of the day (above 85°F). Keep container tightly closed when not in use. If crust should form on the surface, break through the crust so product will pour.

**RESTRICTIONS:** Not for residential use or application to residential sites. This product may not be used in, on, or around any structure, vehicle, article, surface or area associated with the household, including non-agricultural outbuildings, non-commercial greenhouses, pleasure boats and recreational vehicles; in or around any preschool or day care facility or on humans or pets.

Do not apply, or allow to drift, to painted surfaces, as a permanent stain may result. Do not combine Lime-Sulfur with other pesticides unless previous experience has shown them to be compatible. If tank mixing, always follow the more restrictive label directions. This product cannot be mixed with any product containing a label prohibition against such mixing. Read entire label and use strictly in accordance with label directions.

Do not apply this product through any type of irrigation system.

Do not use this product for crop thinning.

Unless otherwise indicated, the following use rates are per 100 gallons of water. Where a rate range is given, use the higher rates when disease is severe or where disease was severe in the previous season.

Do not apply more than 30 gallons of this product/acre/year to any crop listed on the label.

Do not apply this product to harvested fruit.

DILUTE SPRAY OR APPLICATION - For general dilute applications, use higher gallonage (100 - 400 gal/acre) on larger trees where required.

CONCENTRATE SPRAY OR APPLICATION - For concentrate spray applications, use 100 gal/acre.

Restriction: When using concentrate sprays do not exceed 12 gallons of LIME-SULFUR SOLUTION per 100 gallons on a per acre basis. (Rust mites and scale insects have been shown to be more effectively controlled with dilute or semi-dilute applications.)

Limitations, Restrictions, and Exceptions

Directions for Use: Apples / Blossom Thinning

Easily Thinned Varieties: Braeburn, Cripps Pink, Gala, Granny Smith, Honeycrisp, Jonagold and Red Delicious.

Apply a 4% to 10% solution of LIME-SULFUR SOLUTION,

OR

Apply a 1% to 2 % solution (v/v) of LIME-SULFUR SOLUTION in combination with one of the following:

- Fish oil: 2% (v/v)
- Dormant Petroleum spray oil (90 to 100 viscosity): 0.5-1.0 % (v/v)
- Summer Petroleum spray oil (70 viscosity or less): 1-1.5 % (v/v)

Apply LIME-SULFUR SOLUTION in sufficient water for full coverage of blossoms. For

most applications, 100 to 200 gallons per acre should be sufficient. Apply LIME-SULFUR SOLUTION from 20% full bloom (king bloom) to early petal fall, as side blooms open. For blossom thinning do not make more than three applications of LIME-SULFUR SOLUTION or LIME-SULFUR SOLUTION and oil combinations per growing season. Note: sprays of LIME-SULFUR SOLUTION or oil for pest control purposes within 10 days of thinning sprays (before or after) may increase the overall thinning response.

#### Restrictions / Precautions:

- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.
- Do not apply this product through any type of irrigation system.
- Use only fish oil of uniform consistency or use petroleum spray oils at the appropriate rate. Do not use with spray oils that prohibit use during bloom, or that prohibit tank-mixing with lime sulfur. Do not add surfactants or other spray adjuvants other than those listed on the label. Do not tank mix with other chemicals or use higher rates than those listed on the label.
- Do not use LIME-SULFUR SOLUTION on varieties other than those listed on the label. When treating sulfur sensitive varieties (such as Braeburn) with LIME-SULFUR SOLUTION, use lower rates and limit the number of applications to one or two per season.
- When natural fruit set is reduced by frost, poor pollination conditions, or other factors, reduce the number or rates of LIME-SULFUR SOLUTION applications for blossom thinning. Low vigor trees (less than 12 inches of shoot growth in top of tree in prior season) may be especially sensitive to multiple applications and/or higher rates of LIME-SULFUR SOLUTION.
- To avoid over thinning or damage to fruit finish, do not spray LIME-SULFUR SOLUTION if temperatures are above 80 degrees or are expected to exceed 90 degrees within 24 hours after application. Avoid applying LIME-SULFUR SOLUTION when slow drying conditions or wet weather is expected during or after application. Avoid over-treating the 'blast zone' in the lower portion of the tree nearest the spray boom.

- To reduce phytotoxicity use smaller nozzles and higher pressures.
- This pesticide is toxic to fish. LIME-SULFUR SOLUTION should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA Endangered Species Program web site at <http://agr.wa.gov/PestFert/NatResources/EndangSpecies.aspx>, or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for information regarding aquatic species listed as threatened or endangered. Consult the federal label for additional restrictions and precautions to protect aquatic organisms.

#### Method

[Spray](#)

#### Rates

[field\\_rates 0](#)

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#### Restricted Entry Interval

48 hours

#### Timings

[From 20% full bloom \(king bloom\) to early petal fall, as side blooms open.](#)