

JUN 7 1994

Best Sulfur Products, Inc.
c/o Ms. Terri Aal
Siemer & Associates Inc.
4672 Jennifer
Suite 103
Fresno, California 93722

Dear Ms. Aal:

Subject: BSP Lime-Sulfur Solution
EPA Reg. No. 64348-1
Your Submission of November 16, 1993

The amendment referred to above, which revises the directions for use on grapes, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration or reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.


2. Make the changes indicated in the EPA letter of March 17, 1994 regarding Worker Protection Standard labeling and those stated in the letter of March 24, 1994 from Acting PM 21, Sidney Jackson.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,


Steve Robbins
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

enclosure

7505C:C.Grable:cq:6/6/94

156

306

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS



DANGER— POISON

Fatal 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 or get in eyes, on skin or on clothing.

Applicators and handlers must wear: Coveralls over over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing or loading.

For Exposures in enclosed areas a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

For exposures outdoors dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage, or disposal. Do not contaminate water by cleaning of equipment. Open dumping is prohibited.
STORAGE: Keep pesticide in original container. Store product in a secure locked place, inaccessible to children, pets and livestock. Do not put concentrate or dilute into food or drink containers. Keep container in the shade.
For help with any spill, leak, fire, or exposure involving this material, call day or night CHEMTREC (800) 424-9300.
PESTICIDE DISPOSAL: Pesticides wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or residue 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 of the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL: Triple rinse* (or equivalent). Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by state and local authorities.

NET GALLONS
MANUFACTURED BY:



Best Sulfur Products, Inc.

1540 E. Shaw, Suite 101 • Fresno, CA 93710

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3

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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 in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

GENERAL 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.

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

Where a rate range is given, use the higher rates when disease is severe or where disease was severe in the previous season.

Almonds: Powdery Mildew, Shothole. Apply 8 gallons per 100 gallons of water. Apply every 2 weeks between November 15 and December 15. Dormant application only.

Apples: Blotch. Apply 1 gallon per 50 gallons of water. Apply in pre-bloom and petal fall stages and 10 days later. Leaf Spot. Apply 7½ to 10 gallons per 100 gallons of water in delayed dormant stage or ½ gallon per 100 gallons of water in growing season. Powdery Mildew. Apply 2½ gallons per 100 gallons of water. Apply in pre-pink, pink and calyx stages. Scab. Apply 1½ to 2 gallons per 100 gallons of water in delayed dormant, pre-pink, and pink stage. Caution: Use on Delicious apples may result in injury. No time limitation.

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4

Blackberries: Anthracnose, Powdery Mildew, Rust. Apply 6 to 12 gallons per 100 gallons of water. Apply in dormant or delayed dormant (green bud) stage. Use 1/2 gallon per 100 gallons when fruiting canes are 8 to 12 inches long and before blossoms have opened. Overwintering Fungus Scars, Cane Blight. Apply 3 1/2 quarts per 100 gallons of water. Apply in dormant stage.

Cherries (Sweet): Powdery Mildew. Apply 7 1/2 gallons per 100 gallons of water. Apply in delayed dormant stage.

Cherries (Tart): Brown Rot Blossom Blight, Leaf Spot, Scab. Apply 1 1/2 gallons per 100 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. Brown Rot (Fruit), Leaf Spot, Powdery Mildew. Apply 1/2 gallon per 100 gallons of water. Apply 3 to 5 sprays at weekly intervals just before harvest.

Citrus: Red Spiders—2 gallons. Apply when the spiders appear. Thrips—2 gallons. Apply as recommended by your State Agricultural Experiment Station.

Currants, Gooseberries: Anthracnose. Apply 2 1/2 gallons per 100 gallons of water. Apply at bud break stage, and 10 to 15 days later. Use 3 pints per 100 gallons of water at 10-day intervals after second spray, if necessary. Powdery Mildew. Apply 1 1/2 quarts per 100 gallons of water. Apply before and after bloom.

Fruit Trees (Bearing): Overwintering Fungus Scars. Apply 3 1/2 gallons per 100 gallons of water. Apply in dormant stage.

Fruit Trees (Non-bearing): Blotch, Powdery Mildew, Scab. Apply 2 1/2 quarts per 100 gallons of water. Apply at cluster bud and pre-bloom stages.

GRAPES: During the DORMANT period for Powdery Mildew, Mealybugs—Apply 4 to 10 gallons per acre in sufficient water for coverage. During the growing season when new shoots are 4 to 6 inches long for Anthracnose, Powdery Mildew, Mealybugs—Apply 2 quarts in sufficient water for coverage. On mature foliage use 1 pint plus 4 pounds of vegetable sulfur. For later applications during the growing season for Powdery Mildew eradication—Apply 2 to 4 quarts plus 1 to 4 pounds vegetable sulfur, plus 1/2 pint Sulfurix Foliage Spray (as a wetting agent) per 100 gallons. Apply 100 gallons of spray mix per acre for thorough coverage. DO NOT apply after 5:00 a.m. or during the day when maximum temperatures are expected to exceed 85°F or sulfur burn may occur. For POST-HARVEST control of Powdery Mildew—Apply 10 gallons per acre in sufficient water for coverage.

Nectarines: Brown Rot, Leaf Spot, Shothole. Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. Leaf Curl. Apply 6 gallons per 100 gallons of water. Apply in early winter and late dormant period. Powdery Mildew. Apply 2 to 3 quarts per 100 gallons of water. Apply when disease appears.

Peaches: Brown Rot, Leaf Spot. Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. Brown Rot Blossom Blight. Apply 1 pint per 8 to 16 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. Leaf Curl, Scab, Shothole. Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant season. Powdery Mildew. Apply 7 1/2 gallons per 100 gallons of water. Apply at delayed dormant stage and 4 to 5 gallons per 100 gallons of water at green tip stage. Use 1 1/2 quarts per 100 gallons of water on summer foliage.

Pears: Bud Mite (Pacific Coast States)—5 gallons plus 2 gallons light medium summer oil. Apply in the fall after temperature cools but before the first frost at the time mites first penetrate under the bud scales. Pear Leaf Blister Mite—5 to 7 gallons. Apply in dormant season up to time buds swell. May be combined with oils labeled for dormant use. Scab—5 gallons. Apply in cracked Bud Stage and 2 to 3 quarts in Cluster Bud Stage. Concentrate sprayers follow recommendations of State Agriculture Experiment Station.

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Plums: Blotch, Powdery Mildew. Apply 2 quarts per 100 gallons of water. Begin 3 to 5 weeks before harvest. Repeat weekly until picking. Black Knot. Apply 1/2 pint per 1 gallon of water. Apply in green tip stage. Brown Rot (Fruit Rot). Apply 1 pint per 16 gallons of water. Apply 20, 10, and 2 days before harvest. Leaf Curl. Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant stage.

Prunes: Black Knot. Apply 1/2 pint per 1 gallon of water. Apply in green tip stage. Brown Rot (Fruit Rot). Leaf Spot. Powdery Mildew. Apply 2 quarts per 100 gallons of water and begin 3 to 5 weeks before harvest. Apply at weekly intervals until picking.

Quince: Scab. Apply 1 gallon per 100 gallons of water. Apply at 10-day intervals during primary infestation period.

Raspberries: Anthracnose, Powdery Mildew. Apply 1 pint per 1 1/2 gallons of water. Spray once when new canes are 8 to 12 inches long. Cane blight. Apply 1 pint per 12 gallons of water. Apply at spring bud swell. Repeat in late fall dormant period. Spur Blight. Apply 10 to 12 gallons per 100 gallons of water. Apply in delayed dormant stage when buds begin to break and show silver.

Alfalfa, Red Clover: Powdery Mildew. Apply 1 gallon per 50 to 100 gallons of water per acre. Apply at early bud stage or at first sign of disease.

CONDITIONS OF SALE:

1. Best warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. No one other than an officer of Best is authorized (and such authorization must be in writing) to make any other warranty, guarantee or direction concerning this product.
2. Because the time, place, rate of application, weather conditions and normal or abnormal conditions of use or storage are beyond Best's control, Best's liability is limited to replacement of product or refund of purchase price. In no event shall Best be liable for indirect or consequential damages.

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ACCEPTED
with COMMENTS
In EPA Letter Dated

JUN 07 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

64348-1

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6