



ALFA[®]

BRAND

WETTABLE SULFUR — FOR MIXING WITH WATER AN AGRICULTURAL INSECTICIDE AND FUNGICIDE

ACCEPTED
JUL 29 1975
UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER
ED UNDER NO. 476-254

ACTIVE INGREDIENT:

Sulfur 97.0%

INERT INGREDIENTS: 3.0%

* ALFA is a registered trademark of Stauffer Chemical Company.

EPA Reg. No. 476-254

CAUTION Keep Out of Reach of Children

USE PRECAUTIONS

Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. Do not use on apricots, Anjou and Comice pears, cranberries, cucurbits (cucumbers, squash and some varieties of melons), filberts, spinach, tung trees, walnuts and other sensitive plants.

Do not apply when shade temperatures exceed or are likely to exceed 90° F.

Sulfur may burn foliage and fruit during periods of high temperatures and under certain climatic conditions

Do not use sulfur within 30 days of an oil spray (60 days on citrus).

If the crop to be treated will be used for canning or freezing purposes, consult food processor before applying sulfur.

Do not reuse empty container

Consult State Agricultural Extension Service or State Agricultural Experiment Stations for additional information, as the timing, and number of applications needed will vary with local conditions.

ENVIRONMENTAL CAUTIONS

Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

DIRECTIONS FOR USE

Measure the specified amount of this product then wash through filler screen in nearly-filled spray tank or pre-mix in a bucket before pouring into spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not combine with emulsifiable liquids unless previous use of the mixture has proven physically compatible and safe to plants.

Emulsifiable concentrates should **always** be thoroughly mixed with at least half of total water before adding this product.

NOTICE: Stauffer Chemical Company makes no warranties, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

RECOMMENDATIONS

Except as specified, apply at the first sign of infection or infestation and repeat at 7 to 10 day intervals. Repeat as necessary to maintain control, following local spray practices.

Apples: Scab, powdery mildew — Apply 4 to 5 pounds per 100 gallons from pink or pre-blossom spray through second cover spray. Add 1 gallon lime-sulfur in pink and calyx sprays. Use on sulfur-tolerant varieties only.

Cherries: Apply 4 to 6 pounds per 100 gallons. Blossom blight, brown rot — Apply in the popcorn, full bloom and petal-fall stages. Leaf spot and powdery mildew — Apply in petal-fall, shuck-fall and 2 weeks after shuck-fall.

Citrus: Use 4 pounds per 100 gallons. Mite control (six-spotted, citrus, rust, citrus flat and Yuma) — Apply at first sign of infestation and repeat at weekly intervals as needed to maintain control. Citrus thrips — Make 3 applications (mid-March, petal-fall and 2 to 4 weeks later). Avoid applications during or preceding high temperatures. Do not apply within 2 months of an oil spray.

Cotton: Atlantic mite — Apply 4 to 6 pounds per acre in 5 to 10 gallons water by air, or 20 to 40 gallons of water by ground power equipment. Begin applications when first true leaves form or when disease threatens.

Grapes: Rust, powdery mildew — Use 2 pounds per 100 gallons. Make applications starting when shoots are 6 inches long; 12 to 15 inches long; 14 days later and 10 to 14 day intervals thereafter to harvest. Care must be taken to wet all surfaces on which the fungus is to be controlled. **CAUTION:** Concord and Labrusca type grapes may be injured by sulfur.

Pears: Scab, powdery mildew — Apply 4 pounds plus 1 gallon lime-sulfur per 100 gallons in the pink or pre-blossom spray. On Bartlett pears, apply 4 to 6 pounds at petal-fall through second cover sprays.

Peach, Nectarine: Brown rot, Coryneum blight, rust, peach silver mite, powdery mildew — Apply 5 to 6 pounds per 100 gallons from popcorn stage up to harvest. For brown rot control in summer sprays apply up to 10 pounds per 100 gallons starting about 4 to 5 weeks before harvest and continuing at weekly intervals.

Plums, Prunes: Brown rot, leaf spot, prune rust — Use 5 to 6 pounds per 100 gallons. For brown rot of fruit, apply when fruit begins to ripen. For leaf spot and rust, apply in pink stage, bloom, petal-fall and shuck-fall. In cover period, apply as necessary.

Strawberries: Powdery mildew — Use 1 to 5 pounds per 100 gallons. Apply at first sign of infection and repeat as necessary to maintain control. Discontinue applications during hot weather.

Tomatoes: Tomato russet mite — Apply 3 to 6 pounds per acre depending on size of plants. Use full coverage sprays and make one repeat application if needed.

ORNAMENTALS

Roses, Perennials, Shrubs: Black spot, powdery mildew, rust — Apply 2 tablespoons per gallon (6 pounds per 100 gallons) and spray for full coverage, wetting both sides of leaves. Begin applications when new growth appears in the spring and repeat every 7 days, if necessary.

CAUTION: Some burning may occur when used during warm weather.

A-2

50 LBS. NET

EPA Est. 476-OR-1

STAUFFER CHEMICAL COMPANY

WESTPORT, CT 06880

CROWN[®] 90 WETTABLE SULFUR

Crown 90 Wettable Sulfur is formulated for use in water as a spray on fruit, vegetable and ornamental crops for the control of certain fungus diseases and mites. It may be combined in the spray tank with most of the commonly used fungicides and insecticides.

DIRECTIONS FOR USE

Pour the specified amount of this product on surface of water in nearly filled spray tank or pre-mix in a bucket before pouring into spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not use in low volume gear-type spray equipment. Do not combine with emulsifiable liquids unless previous use of the mixture has proven physically compatible and safe to plants.

RECOMMENDATIONS

Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information as the timing and number of applications needed will vary with local conditions.

All dosages given on this label are for dilute sprays (1X concentrations). For use in concentrate sprays, increase the dosage of Crown 90 Wettable Sulfur proportionately. Spray often enough to keep new growth covered.

APPLE, PEAR: Powdery Mildew, Scab- Use 6 to 8 lb. per 100 gal. of water in the pre-bloom, bloom and petal fall sprays. Use 4 to 6 lb. in the cover sprays.

CHERRY: Brown Rot, Leaf Spot- Use 6 to 8 lb. per 100 gal. of water in pink, bloom, petal fall, shuck, cover and post-harvest sprays.

CITRUS: Rust Mite- Use 5 lb. per 100 gal. of water. Begin applications at first signs of damage and repeat as necessary. Rust mites should be controlled at all times of the year in order to prevent russetting of fruit and greasy spot on leaves. Scale Crawlers - Add 5 to 8 lb. to each 100 gal. of tank strength lime sulfur solution.

PEACH: Brown Rot, Scab- Use 6 to 8 lb. per 100 gal. of water in pink, bloom, shuck, cover and pre-harvest sprays.

PLUM, PRUNE: Brown Rot, Leaf Spot- Use 6 to 8 lb. per 100 gal. of water in pink, bloom, shuck, cover and pre-harvest sprays.

BEANS, PEAS: Powdery Mildew, Rust- Use 16 lb. per acre in sufficient water for thorough coverage. Repeat applications in 7 to 14 day intervals as necessary.

ROSES, PERENNIALS, SHRUBS: Black Spot, Powdery Mildew, Rust- Use 6 to 8 lb. per 100 gal. of water (1 to 4 tablespoons per 1 gal. of water). Make first application prior to first signs of disease and maintain preventive schedule through