

TRUSTED SINCE 1926

**BONIDE**<sup>®</sup>

# Sulfur

## Plant Fungicide

*Micronized Spray or Dust*

Ready to Use

Use on fruits, vegetables and various ornamentals

Controls rust, leaf spot and powdery mildew

Controls chiggers\* around the home \*(except in California)



ACTIVE INGREDIENT:  
Sulfur ..... 90%  
OTHER INGREDIENTS: ..... 10%  
TOTAL ..... 100%  
EPA Est. No. 4-NY-1      EPA Reg. No. 4-62

Keep Out Of Reach Of Children  
**CAUTION** (See back for additional  
Precautionary Statements & First Aid)



**FOR ORGANIC  
GARDENING**

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**NOT FOR USE** on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens, or on lawns and grounds.

Do not enter treated areas within 24 hours of application without proper protective clothing; i.e., long-sleeved shirt, long pants, shoes plus socks.

**BONIDE SULFUR PLANT FUNGICIDE** is specially prepared, extremely fine particle size (4-5 microns surface average diameter) chemically treated with wetting agent, and suitable for use as a dust or spray. The extremely fine particles contribute to a uniform film forming layer, better adhesion, and more even distribution of particles over fruit and leaf surfaces, resulting in greater efficiency.

When spraying, use a good pressure sprayer and apply thoroughly to all leaf surfaces. **When dusting, use a good duster and apply in a uniform thin film of dust to all leaf surfaces and fruit.** Repeat application as necessary.

**Use Precautions:** Do not dust or spray with sulfur during periods of high temperature. Do not use sulfur within 2 weeks of an oil spray. Do not use sulfur on citrus within 3 weeks of an oil spray.

**BONIDE SULFUR PLANT FUNGICIDE** is used in the pre-blossom application, such as against apple and pear scab or peach blossom or cherry fungus diseases. Application must be timed to go on before rainy or spore discharge periods.

**APPLES** – apple cedar rust, black rot, brown rot, frog eye, leaf spot, powdery mildew, quince rust, scab, sooty blotch: 1 to 2 ½ rounded Tbs./gal. water, from pre-pink through cover, or use in cover sprays, up to day of harvest.

Note: MacIntosh, Golden Delicious, Jonathan, and certain other varieties may be injured by sulfur application under certain conditions.

**BEANS** – leaf spot, powdery mildew, rust, red spider: 1 ½ to 3 level Tbs./gal. water. Begin when first true leaves form, or at first sign of disease. Repeat at 7 to 10 day intervals up to day of harvest.

**BLACKBERRIES, BLUEBERRIES, BOYSENBERRIES, DEWBERRIES, HUCKLEBERRIES, LOGANBERRIES, RASPBERRIES** – powdery mildew: 2 to 2 ½ rounded Tbs./gal. water. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals or as necessary, up to day of harvest.

**CHERRIES** – brown rot, red spider, leaf spot, powdery mildew, rust, scab, stem blight: 1 to 3 rounded Tbs./gal. water. Begin in pink stage. Repeat at bloom, petal fall, and in cover stages, at 7 to 14 day intervals up to time of harvest, and post harvest for leaf spot.

**CITRUS (ALL)** – brown rot, rust mite, two spotted mite, citrus red spider, thrips; soft, red, yellow, purple, black, Citricola scale: 2 to 3 level Tbs./gal. water. Apply according to state recommendations up to day of harvest.

**CURRENTS, GOOSEBERRIES** – powdery mildew, red spider: 1 ½ to 3 level Tbs./gal. water. Begin before disease appears. Repeat at 10 day intervals up to day of harvest.

**GRAPES** – powdery mildew, rust: 1 to 3 level Tbs./gal. water. Begin when new shoots are 6 inches long. Repeat before blossoms open and continue as necessary up to day of harvest.

Note: Concord and other labrusca type grapes may be injured by sulfur.

**NECTARINES, PEACHES** – brown rot, leaf spot, powdery mildew, peach canker, rust, scab, shothole, red spider: 1 to 3 rounded Tbs./gal. water. Apply at pink, bloom, petal fall, shuck split, shuck fall, and at 10-14 day intervals as long as necessary, up to day of harvest.

**PEAS** – powdery mildew, rust, red spider: 1 ½ to 3 level Tbs./gal. water. Begin early in season before diseases appear. Repeat at 7 to 10 day intervals up to day of harvest.

**PLUMS, PRUNES** – brown rot, leaf spot, powdery mildew, rust, scab, shothole, red spider: 1 to 3 rounded Tbs./gal. water. Repeat at bloom, petal fall, shuck fall, and in cover period as necessary up to day of harvest.

**PEARS** – brown rot, leaf spot, powdery mildew, rust, scab, red spider: 1 to 2 rounded Tbs./gal. water. Apply at pre-bloom, bloom, petal fall, and cover periods, up to day of harvest. Anjou, Comice and certain other varieties may be injured by sulfur application.

**ROSES, ORNAMENTAL SHRUBS, PERENNIALS (except California)** – black spot, rust, powdery mildew, red spiders: 2 to 2 ¼ level Tbs./gal. water. Begin when diseases appear and repeat at 5-10 day intervals and after rains.

**STRAWBERRIES** – powdery mildew, red spider: 1 to 2 level Tbs./gal. water. Begin at first sign of disease and repeat as necessary up to day of harvest.

**POULTRY (except California)** – Chickens, Turkeys, Ducks, Geese, Game Birds and Pigeons. To control depluming mites, dust liberally on birds and rub into feathers. To treat quarters, mix 1 – 1 ½ pounds in 5 gallons of water and apply as a spray to 100 square feet (an area 10 feet x 10 feet). Apply thoroughly to all interior surfaces of poultry quarters. Force spray into cracks and crevices. Repeat application as needed. Note Physical and Chemical Hazards when applying this product.

**ANIMALS (except California)** - For use on domestic livestock (equine, cattle, swine, sheep and goats). Also for use on dogs; to control fleas and ticks, dust animal liberally and rub into hairs. To treat quarters, mix 1 - 1 1/2 pounds in 5 gallons of water and apply as a spray to 100 square feet (an area 10 feet x 10 feet). Apply thoroughly to all interior surfaces of quarters. Force spray into cracks and crevices. Repeat application as needed. Note Physical and Chemicals Hazards when applying this product.

**CHIGGERS (except California)** – For control of CHIGGERS in yards, cover entire lawn, flower garden, shrubs and any place chiggers may hide. This should be done a day or two before protection is desired and should be repeated at weekly intervals to maintain control. Use approximately 2 pounds per 1,000 square feet (an area approximately 31 ½ feet x 31 ½ feet).

**Soil pH Treatment**-1-1¼ lb./50 gal. water will acidify 100 sq. ft. of soil by approximately 1 pH unit. Do not attempt to change pH by more than 1 pH unit per year. Note: Use lower application rates for prevention or control of minor insect/disease problems and when temperature exceeds 90°F. Use higher application rates for major pest problems, when temperature permits.

## STORAGE AND DISPOSAL

**Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

**Disposal:** *If empty* – Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency for disposal instructions.

Never place unused product down any indoor or outdoor drain.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled, or absorbed through skin. May cause irritation of eyes, nose, throat, and skin. Avoid contact with eyes or skin. Avoid breathing dust vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Do not apply when conditions favor drift from treated areas.

#### PHYSICAL OR CHEMICAL HAZARDS

Sulfur dust suspended in air ignites easily. When dusting keep fire and sparks away from duster and dust stream. Do not smoke while applying this product.

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

<b>If Swallowed:</b>	<ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

To the extent consistent with applicable law, buyer assumes all risk when product is not used according to label directions or established safe practice.

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