

4-62

03/29/2004

57

115



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Bonide Products, Inc.
% Rebecca M. Horton
Registrations by Design, Inc.
118½ E. Main Street, Suite 1
Salem, VA 24153

MAR 29 2004

Subject: Bonide® Sulfur Plant Fungicide Micronized Spray or Dust
EPA Reg. No. 4-62
Amendment dated May 16, 2003

Dear Ms Horton:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. In the **FIRST AID** block under "If swallowed: Do not induce vomiting", change "gold" to "told"
2. In the section **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**, delete the parentheses from the sentence "Avoid breathing dust, vapor or spray mist."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Mary J. Waller".

Mary Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated:

215

MAR 29 2004

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

4-62



BONIDE® SULFUR PLANT FUNGICIDE

MICRONIZED SPRAY OR DUST

Optional Marketing Statements:

For Homeowner Use

Controls Powdery Mildew and Red Spider on: Beans, Cherries, Currants, Gooseberries,
Nectarines, Peaches, Pears, Plums, Prunes and Strawberries

Acidifies Soil

Ready-to-Use

Controls Rust, Leaf Spot and Powdery Mildew

Use on Fruits, Vegetables and Various Ornamentals

ACTIVE INGREDIENT:

Sulfur..... 90%

OTHER INGREDIENTS:..... 10%

TOTAL..... 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side/back/other panel(s) for additional precautionary statements

NET WEIGHT: _____

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

**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. Do not apply directly to water. Do not apply when conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

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 plantscapes, ornamental gardens, or on lawns and grounds.

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* – Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled* – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. **Never place unused product down any indoor or outdoor drain.**

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 2½ 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: 1½ 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, RASPBERRIES – powdery mildew: 2 to 2½ 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: 1½ 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: 1½ 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 – black spot, rust, powdery mildew, red spiders: 2 to 2¼ 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.

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.

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

Buyer assumes all risk when product is not used according to label directions or established safe practice.

Manufactured by :
Bonide Products, Inc.
Oriskany, NY 13424