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

APR 21 1994

JAMES J. WURZ  
BONIDE PRODUCTS INC.  
2 WURZ AVENUE  
YORKVILLE, N.Y. 13495

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 1/27/94 in Response to PR Notice 93-7  
EPA Reg. No. 4-62  
BONIDE SULPHUR PLANT FUNGICIDE MICRONIZED SPRAY OR  
DUST

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

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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 parks, or on golf courses or lawns and grounds.

Do not enter treated areas within 24 hours of application without proper protective clothing.

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, 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 1/2 rounded lbs./gal. water, 3 1/2 to 7 1/2 lbs./100 gals., or 21 to 59 lbs. as a dust/acre, 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 1/2 to 3 level lbs./gal. water, 4 to 7 1/2 lbs./100 gals., or 3 1/2 to 36 lbs. as a dust/acre. 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 2 1/2 rounded lbs./gal. water, 6 to 8 lbs./100 gals. water, or 10 to 30 lbs. as a dust/acre. 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 lbs./gal. water, 3 1/2 to 9 1/2 lbs./100 gals., or 20 to 30 lbs. as a dust/acre. 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, up to day of harvest.

CITRUS (ALL) — brown rot, rust mite, two spotted mite, citrus red spider, thrips, soft, red, yellow, purple, black, Citricola scale: 2 to 3 level lbs./gal. water, 4 1/2 to 7 1/2 lbs./100 gals. water, or 154 lbs. dust/acre. Apply according to state recommendations up to day of harvest.

CURRENTS, GOOSEBERRIES — powdery mildew, red spider: 1 1/2 to 3 level lbs./gal. water, 3 1/2 to 7 1/2 lbs./100 gals., or 10 to 30 lbs. dust/acre. Begin before disease appears. Repeat at 10 day intervals up to day of harvest.

GRAPES — powdery mildew, rust: 1 to 3 level lbs./gal. water, 2 to 6 lbs./100 gals. water, or 4 to 40 lbs. as a dust/acre. 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 lbs./gal. water, 3 1/2 to 9 1/2 lbs./100 gals. water, or 12 1/2 to 60 lbs. as a dust/acre. 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 1/2 to 3 level lbs./gal. water, 4 to 7 1/2 lbs./100 gals., or 7 to 35 lbs. as a dust/acre. 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 lbs./gal. water, 3 1/2 to 10 lbs./100 gals. water, or 4 to 60 lbs. as a dust/acre. 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 lbs./gal. water, 3 1/2 to 7 1/2 lbs./100 gals. water, or 8 to 60 lbs. as a dust/acre. Apply at pre-bloom, bloom, petal fall, and cover periods, up to day of harvest. Anjou, Cornice and certain other varieties may be injured by sulfur application.

ROSES, ORNAMENTAL SHRUBS, PERENNIALS — black spot, rust, powdery mildew, red spiders — 2 to 2 1/2 level lbs./gal. water, 4 1/2 to 5 1/2 lbs./100 gals., or dust for thorough coverage. Begin when diseases appear and repeat at 5 - 10 day intervals and after rains.

STRAWBERRIES — powdery mildew, red spider: 1 to 2 level lbs./gal. water, 1 1/2 to 4 1/2 lbs./100 gals. water, or 3 to 50 lbs. as a dust/acre. Begin at first sign of disease and repeat as necessary, up to day of harvest.

Soil pH Treatment — 1 - 1 1/2 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.

Buyer assumes risk for use of this product when not used according to label directions or established safe practice.

Manufactured by

BONIDE PRODUCTS, INC. • YORKVILLE, NY 13495

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 462-462

In EPA Letter Dated APR 21 1994



BONIDE

ACCEPTED

**SULFUR**

**PLANT FUNGICIDE**

MICRONIZED SPRAY OR DUST

ACTIVE INGREDIENT: Sulfur ..... 95%

INERT INGREDIENTS: ..... 5%

EPA Est. 4-NY-1      EPA Reg. No. 462

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.

STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with plenty of soap and water. If in eyes: Flush eyes with water for fifteen minutes and get medical attention. If inhaled: Remove victim to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

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.

Storage: Store in a cool, dry place which is inaccessible to children or pets.

Disposal: Wrap empty container and place in trash.

KEEP OUT OF REACH OF CHILDREN

CAUTION

1 LB. NET