

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 4-62	DATE OF ISSUANCE JAN 8 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Bonide Sulfur plant Fungicide	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Bonide Chemical Co., Inc. 2 Wurz Avenue Yorkville, NY 13495	656	154587
	<u>35</u>	<u>1</u>
	301	154586
	<u>17</u>	<u>2</u>

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Registration Standard Guidance Package, EPA has reregistered the product listed above. This registration is granted under the authority of section 3(g) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Since a dosage range is included for all crops, include a general statement indicating when to use the high and low rates of the range. The dosage rates given on the label must not exceed the net contents of the package. Assure that dosage rates are appropriate for each package size.
2. In the statement "Do not use sulfur on apple foliage within 2 weeks of an oil spray" delete "apple foliage." Sulfur should not be applied to any crop within 2 weeks of an oil spray.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Henry M. Jacoby</i>	DATE 1/8/86
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3. For citrus, specify whether the 3-week or 6-week interval is appropriate for your product. A range would not be appropriate.

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



Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

BONIDE

3 of 5

SULFUR
 PLANT FUNGICIDE
 MICRONIZED SPRAY OR DUST

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

JAN 8 1986

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

4-62

FOR HOMEOWNER USE
 CONTROLS POWDERY MILDEW AND RED SPIDER ON
 BEANS, CHERRIES, CURRANTS, GOOSEBERRIES,
 NECTARINES, PEACHES, PEARS, PLUMS,
 PRUNES AND STRAWBERRIES.
 ACIDIFIES SOIL

EPA Est. No. 4-NY-1 EPA Reg. No. 4-62

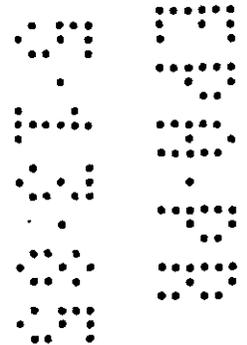
ACTIVE INGREDIENT:
 Sulfur (4-5 micronons)..... 95%
 INERT INGREDIENTS: 5%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional
 precautionary statements.

NET WEIGHT



BONIDE SULFUR PLANT FUNGICIDE, EPA Reg. No. 4-62

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 CHEMICALS 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.

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.

BONIDE SULFUR PLANT FUNGICIDE, EPA Reg. No. 4-62

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 on apple foliage within 2 weeks of an oil spray. Do not use sulfur on citrus within 3 to 6 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 lbs./gal. water, 3¾ to 7¾ 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 sulphur application under certain conditions.

BEANS — leaf spot, powdery mildew, rust, red spider: 1½ to 3 level lbs./gal. water, 4 to 7¾ lbs./100 gals., or 3¾ 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 2½ 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, 3½ to 9½ 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, 4¾ to 7¾ 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: 1½ to 3 level lbs./gal. water, 3½ to 7¾ 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 sulphur.

NECTARINES, PEACHES — brown rot, leaf spot, powdery mildew, peach canker, rust, scab, shothole, red spider: 1 to 3 rounded lbs./gal. water, 3¾ to 9¾ lbs./100 gals. water, or 12½ 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: 1½ to 3 level lbs./gal. water, 4 to 7¾ 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, 3¾ 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, 3¾ to 7½ 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, Comice and certain other varieties may be injured by sulphur application.

ROSES, ORNAMENTAL SHRUBS, PERENNIALS — black spot, rust, powdery mildew, red spiders — 2 to 2¼ level lbs./gal. water, 4¾ to 5½ lbs./100 gals., or dust for thorough coverage. Begin when diseases appear and repeat at 5 to 10 day intervals and after rains.

STRAWBERRIES — powdery mildew, red spider: 1 to 2 level lbs./gal. water, 1¾ lbs. to 4¾ 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 - 1-1¼ 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.

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

BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495

