



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

MAR 22 1994

Peggy M. Galloway
LANDIS INTERNATIONAL INC.
AGENT FOR: NPP INC.
BOX 5126
VALDOSTA, GA 31603

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 01/10/94 in Response to PR Notice 93-7
EPA Reg. No. 49668-1
SUPERFINE DUSTING SULPHUR

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



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

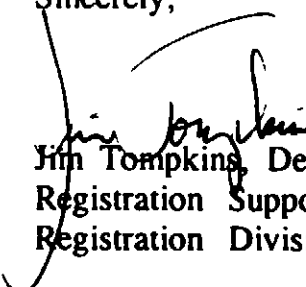
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



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

Attachment

MAR 22 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
49668-1



→ Insert Box #2

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply where runoff conditions are likely to occur. Do not apply directly in water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Sulphur dust suspended in air ignites easily. Keep away from heat, sparks, and flame. 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.

→ Insert Text #3

RE-ENTRY STATEMENT

~~Do not enter treated area without protective clothing and respiratory protection for 24 hours following application. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.~~

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information:~~

Delete

~~CAUTION: Area treated with COMMERCIAL DUSTING SULPHUR on (Date of Application). Do not enter without appropriate protective clothing for 24 hours following the application. In case of accidental exposure see the Statement for Practical Treatment on this label.~~

→ Insert Box #4

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store unused product in original container only in cool, dry area out of reach of children and animals.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

49668-1/PO10193/A091489-1

COMMERCIAL DUSTING SULPHUR

For Fruits, Vegetables & Ornamentals

ACTIVE INGREDIENT:

SULPHUR.....99.1%
INERT INGREDIENTS..... 0.9%
TOTAL.....100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If on skin, wash immediately with soap and water. Get medical attention.

If in eyes, immediately flush eyes with plenty of clear water for at least 15 minutes. Get medical attention if irritation persists.

If swallowed, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

See Side Panel For Additional Precautionary Statements

EPA REG. NO. 49668-1

EPA EST. NO. 49668-TX-1

INTERNATIONAL SULPHUR, INC.

P.O. BOX 611

MT. PLEASANT, TX 75456-0611

NET CONTENTS 50 LBS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Replacement #1 ←

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BEST AVAILABLE COPY

GENERAL INFORMATION

Apply this product only as specified on this label. Do not use this product for any uses other than those specified on this label. COMMERCIAL DUSTING SULPHUR is formulated for the use on fruit, vegetable and ornamental crops for the control of certain fungus diseases and mites. It may be combined with commonly used fungicides and insecticides in the dry form. Apply to all plant surfaces to thoroughly cover.

CAUTION: Do not use sulphur in combination with oil or within three weeks of an oil spray. Do not use sulphur on apples or other sensitive crops when shade temperatures exceed, or likely to exceed, 90F. Do not apply or allow sulphur to drift to Cucurbits (cucumber, cantaloupe, melon, squash) or tung. To do so may result in severe fruit and leaf injury. When growing crops for processing, consult the processor before applying sulphur.

WARRANTY STATEMENT

INTERNATIONAL SULPHUR, INC. warrants that this product in its unopened package conforms to the chemical description on the label and is reasonable fit for the purposes set forth on the label when used according to directions under normal use conditions on the crops specified.

There are no other warranties, expressed or implied, concerning the use of this product other than indicated on the label. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

RECOMMENDATIONS

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

IMPORTANT: Use the higher dosage during periods of frequent and heavy rainfall. Dust often enough to keep susceptible growth covered. This may require weekly or bi-weekly applications during periods of rapid growth and frequent rainfall.

CROPS

APPLES, PEARS: For control of scab, powdery mildew, rust and mites. Use 30 to 50 lbs. per acre in pink, bloom, petal fall, and cover treatments.

SULPHUR MAY INJURE CERTAIN VARIETIES OF APPLES. CHECK TOLERANCE PRIOR TO APPLICATION.

ON PEARS, DO NOT APPLY AFTER THE FRUIT HAS BEGUN TO TURN DOWN. DO NOT APPLY TO ANJOU PEARS.

APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: For control of brown rot, blossom blight, use 30 to 50 lbs. per acre in pink, bloom, and petal fall treatments. For control of leaf spot, mites, powdery mildew, use 30 to 50 lbs. per acre in pink, bloom, petal fall, shuck, and cover treatments. For control of fruit brown rot, application should begin when fruit starts to ripen and continue until harvest.

ASPARAGUS: For control of rust, apply 10 to 30 lbs. per acre. Begin application after cutting stops. Irrigate and cultivate before applying. Repeat applications on 7 to 10-day intervals as necessary.

BEANS: For control of rust, powdery mildew, and mites, apply 10 to 25 lbs. per acre. Apply when disease first appears and repeat applications on 7 to 10-day intervals as necessary.

SULPHUR MAY INJURE CERTAIN VARIETIES OF BEANS. CHECK TOLERANCE PRIOR TO APPLICATION.

BROCCOLI, BRUSSELS SPROUT, CABBAGE, CAULIFLOWER, PEAS, PEPPERS, POTATCES, RUTABAGAS, SPINACH, TURNIPS: For control of powdery mildew and mites, apply 10 to 25 lbs. per acre. Begin dusting at first sign of disease. Repeat applications on 7 to 10-day intervals as necessary.

BLACKBERRIES, BLUEBERRIES, CURRANTS, RASPBERRIES, STRAWBERRIES: For control of powdery mildew and mites, use 10 to 20 lbs. per acre. Apply when disease first appears and repeat as necessary.

CARROTS, GARLIC, ONION: For control of powdery mildew on carrots; downy mildew and powdery mildew on garlic; downy mildew, powdery mildew, and Botrytis Blight on onions. Use 10 to 30 lbs. per acre. Begin applications before disease is expected to appear. Repeat as necessary.

CITRUS: Thrips, Rust Mites: Use 80 to 100 lbs. per acre. Begin application 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.

WHEAT, OATS, BARLEY, RYE, SORGHUM, CORN, SOYBEANS: Mites, Powdery Mildew: Apply 5 to 15 lbs. per acre. Apply when disease first appears and repeat as necessary.

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RECOMMENDATIONS (Continued)

COTTON, ALFALFA: Mites, Thrips: To control use 20 to 35 lbs. per acre when mites first appear and repeat as necessary.

GRAPES: Powdery Mildew, Mites: Apply 5 to 15 lbs. per acre when shoots are 6 to 8 inches long. Repeat application when shoots are 12 to 15 inches long and again at about bloom stage.

EXCESS SULPHUR MAY CAUSE "BURNING" IN TEMPERATURES ABOVE 100 DEGREES FAHRENHEIT. SULPHUR MAY INJURE CONCORD AND OTHER NEW YORK VARIETY GRAPES.

PEANUTS: Powdery Mildew, Mites, Leaf Spot. Apply 20 to 35 lbs. per acre. Start in early leaf stage. Repeat applications as necessary, usually 10 to 24 days.

WALNUTS: Mites: Apply 10 to 50 lbs. per acre. Apply when damage first appears and repeat as necessary.

CAUTION: CERTAIN VARIETIES OF WALNUTS ARE SENSITIVE TO SULPHUR SPRAYS UNDER CERTAIN CONDITIONS. DO NOT APPLY UNLESS THE VARIETIES ARE KNOWN TO BE TOLERANT OF SULPHUR.

SUGAR BEETS, TABLE BEETS: Powdery Mildew, Mites: Use 5 to 15 lbs. per acre as needed. Begin application at first sign of disease or mites. Repeat application should be made at 10-30 day intervals as necessary throughout the season.

TOMATOES: Mites: Use 25 to 35 lbs. per acre. Apply when damage first appears and repeat as necessary.

ORNAMENTALS (Aster, Carnations, Cherry Laurel, Chrysanthemums, Crepe Myrtle, English Ivy, Gladiolus, Hollyhock, Laurel, Petunia, Sage, Sunflowers, Sweet Peas, Violets, Zinnias): For control of mites, thrips, powdery mildew and leaf spots caused by fungi imperfecti and ascomycetes, dust to provide a light uniform coverage of all plant surfaces. Begin applications prior to first sign of disease and maintain preventative schedule throughout the season, repeating at 5-10 day intervals and after rains. Keep new growth protected.

ROSES: Black Spot, Brown Canker, Leaf Spot, Powdery Mildew, Thrips, Mites: Use 6 to 8 lbs. per acre. Keep new growth protected. Begin dusting when new growth starts in the spring. Repeat at 7 day intervals and reapply after rainfall.

CHIGGER CONTROL: For control of chiggers in yard, dust over 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. Use approximately 100 lbs. per acre. The content of this package will cover 20,000 to 25,000 sq. ft.

IMPORTANT: USE ONLY ACCORDING TO STATE RECOMMENDATIONS. WHEN USED AS DIRECTED THIS PRODUCT WILL PROVIDE EFFECTIVE AND ECONOMICAL CONTROL OF LISTED DISEASES AND INSECTS AND PROMOTE HEALTHY LUSH GROWTH.

BEST AVAILABLE COPY

REDBALL COMMERCIAL DUSTING SULPHUR, EPA Registration No. 49668-1:

Replacement Text #1:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

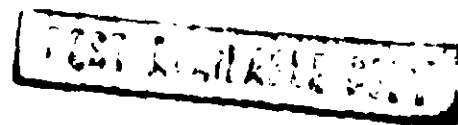
Insert Box #2:

User Safety Recommendations
Users should:
<ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Insert Text #3:

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.



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REDBALL COMMERCIAL DUSTING SULPHUR, EPA Registration No. 49668-1:

Insert Box #4:

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instruction and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

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