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

MAY 06 1994

Alice Walker, Ph D  
CONTINENTAL SULFUR COMPANY  
7500 SAN FELIPE, SUITE 410  
HOUSTON, TX 77063

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/03/93 in Response to PR Notice 93-7  
EPA Reg. No. 55429-3  
CSC DUSTING SULFUR

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

2 of 10

Page 2

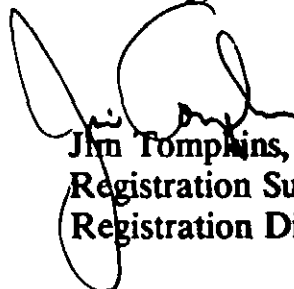
Submit the final printed labeling via the U.S. Postal Service to:

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

30/10

Page 3

CONTINENTAL SULFUR COMPANY

55429-3 08/03/93

CSC DUSTING SULFUR

Original Submission

Remove the statement "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." from its current position within the Agricultural Use Box and place it above the Agricultural Use Box.

# CSC DUSTING SULFUR

## ACTIVE INGREDIENT:

Sulfur..... 98%

INERT INGREDIENTS:..... 2%

TOTAL ..... 100%

KEEP OUT OF REACH OF CHILDREN

## CAUTION

HARMFUL IF SWALLOWED. DO NOT SWALLOW OR INHALE.

### STATEMENT OF PRACTICAL TREATMENT (First Aid)

**IF LARGE QUANTITIES ARE SWALLOWED:** Give water and induce vomiting. Get medical attention.

**IF INHALED** and overcome by vapor or dust: Remove victim to fresh air immediately and call a physician. Administer artificial respiration if breathing is irregular or has stopped.

**IF ON SKIN:** Flush with water; use soap if available.

**IF IN EYES:** Immediately flush with plenty of water for at least 15 minutes. Call a physician.

See additional precautions on side panel.

EPA Reg. No. 55429-3

EPA Est No. 55429-TX-1

SULFUR, SOLID, ORM-C, UN 1350

Manufactured by:

Continental Sulfur Company  
7500 San Felipe, Suite 410  
Houston, Texas 77063

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
MAY 06 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
55429-3

Net Weight  
\_\_\_\_\_ Lbs

## PRECAUTIONARY STATEMENTS

### CAUTION

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

#### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

Users should 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.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

#### PHYSICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks, or 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

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. 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 instructions 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, and protective eyewear.

Sulfur may cause severe fruit and foliage injury to certain crops. Sulfur sensitive plants include D'Anjou and Comice pears, apricots, cranberries, certain varieties of cucurbits, filberts, spinach, tung walnuts, and certain ornamentals. Apples, pears and strawberries are susceptible to foliage burn with sulfur under certain climatic conditions. Sulfur may burn foliage when temperature is high. Do not apply if temperatures during or within 3 days after application are expected to exceed 90°F in the area to be treated. Do not use within 2 weeks of an oil spray treatment (on citrus within 3-6 weeks). When growing crops for processing, consult the processor before applying sulfur. When disease pressure or mite pressure is low, use the lower rates.

### REENTRY STATEMENT

~~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. Do not enter treated areas without protective clothing for 24 hours after application. Certain states may require more restrictive reentry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.~~

~~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. Written and oral warnings must include the following information: CAUTION. Area treated with DUSTING SULFUR on (date of application). Do not enter treated areas without appropriate protective clothing for 24 hours following application. Required Protective Clothing: Long sleeved shirt, long-legged pants, protective gloves and a dust-respirator.~~

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal of this product.

**STORAGE:** Store in a cool, dry, well ventilated area.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment; then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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

## FRUIT AND NUT CROPS

**ALMONDS:** Brown Rot, Blossom and Twig Blight, Scab, Shot Hole, Mite Suppression - Apply 40-45 lbs. per acre. Begin when disease threatens or in pre-bloom stage and repeat at 7 day intervals or as necessary.

**APPLES:** Apple Cedar Rust, Blossom Rot, Frog-eye Leaf Spot, Powdery Mildew, Quince Rust, Scab, Sooty Blotch - Apply 30-60 lbs. per acre from pre-pink through cover.

**CAUTION:** Macintosh, Golden Delicious, Jonathan and certain other varieties may be injured by sulfur application under certain conditions.

**AVOCADOS:** Mite Suppression - Apply 50 lbs. per acre.

**BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, AND RASPBERRIES:** Powdery Mildew - Apply 20-30 lbs. per acre. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10-day intervals or as necessary.

**CURRENTS, GOOSEBERRIES, BLUEBERRIES, AND HUCKLEBERRIES:** Powdery Mildew - Apply 20-30 lbs. per acre. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10-day intervals or as necessary.

**CHERRIES:** Brown Rot, Blossom and Twig Blight, Leaf Spot, Powdery Mildew, Rust, Scab, Stem Blight - Apply 35-60 lbs. per acre. Begin in pink stage. Repeat at bloom, petal fall and in cover stages at 7-14 day intervals and as a post harvest foliar treatment for Leaf Spot.

**CITRUS:** Citrus Flat Mite (*Brevipalpis*) - Apply 100 lbs. per acre. Citrus Red Spider Mite - Apply 80 lbs. per acre. Two-Spotted Mite - Apply 50-60 lbs. per acre.

**FIGS:** Fly Rust Mite - Apply 40-50 lbs. per acre.

**GRAPES:** Powdery Mildew - Apply 10-40 lbs. per acre. Rust - Apply 15-40 lbs. per acre. Begin when new shoots are 6 inches long. Repeat when blossoms open and continue as necessary. **CAUTION:** Concord and other labrusca type grapes may be injured by sulfur.

**NECTARINES AND PEACHES:** Brown Rot, Blossom and Twig Blight, Leaf Spot, Powdery Mildew, Rust, Scab, Shot Hole - Apply 35-60 lbs. per acre. Apply in pink, bloom, petal fall,

80/10

shuck split, shuck fall and at 10-14 day intervals as long as necessary. For Brown Rot of fruit, apply when fruit starts to ripen.

**PEARS: Brown Rot, Leaf Spot, Powdery Mildew, Rust, Scab** - Apply 20-60 lbs. per acre at pre-bloom, bloom, petal fall and cover periods.

**PLUMS AND PRUNES: Brown Rot, Blossom and Twig Blight, Leaf Spot, Powdery Mildew, Rust, Scab, Shot Hole** - Apply 35-60 lbs. per acre beginning in late dormant stage for Shot Hole, at pink stage for other diseases. Repeat at bloom, petal fall, shuck fall and in cover periods as necessary. For Brown Rot of fruit, dust when fruit starts to ripen.

**QUINCE: Brown Rot, Powdery Mildew, Scab** - Apply 35-60 lbs. per acre. Begin before disease is expected to appear. Repeat at 7-10 day intervals or as necessary.

**STRAWBERRIES: Powdery Mildew** - Apply 20-50 lbs. per acre. **CAUTION:** Sulfur may injure strawberries under certain climatic conditions. Begin at first sign of disease and repeat at 7-10 day intervals or as necessary.

### VEGETABLE CROPS

**ARTICHOKES: Leaf Spot** - Apply 25-35 lbs. per acre. Begin when disease first appears and repeat at 7-10 day intervals or as necessary.

**ASPARAGUS: Rust** - Apply 20-35 lbs. per acre. Begin after cutting stops. Repeat at 7-10 day intervals through season.

**BEANS: Leaf Spot, Powdery Mildew, Rust** - Apply 20-35 lbs. per acre. Begin when first true leaves form or at first signs of disease. Repeat at 7-10 day intervals. **CAUTION:** Sulfur may injure certain varieties.

**BEETS: Rust** - Apply 20 lbs. per acre. Apply at first signs of disease. Repeat at 7-10 day intervals or as necessary.

**BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, RUTABAGAS, AND TURNIPS: Powdery Mildew** - Apply 20-25 lbs. per acre. Begin at first sign of disease. Repeat at 7-10 day intervals or as necessary.

**CARROTS: Powdery Mildew, Rust** - Apply 20-50 lbs. per acre. Begin at first sign of disease and repeat at 7-10 day intervals.

**CELERY: Early and Late Blight** - Apply 6-12 lbs. per acre. Begin as soon as plant emerges. Repeat at 7-10 day intervals or as necessary.

**EGGPLANT: Powdery Mildew** - Apply 20-35 lbs. per acre. Begin when first true leaves appear. Repeat at weekly intervals.

**GARLIC: Downy and Powdery Mildew** - Apply 20-35 lbs. per acre before disease is expected to appear. Repeat at 7-10 day intervals or as necessary.

**LETTUCE: Powdery Mildew** - Apply 10-15 lbs. per acre. Begin at first sign of disease. Repeat as necessary.



**ONIONS: Botrytis Blight, Downy and Powdery Mildew** - Apply 20-50 lbs. per acre. Begin before disease is expected to appear. Repeat as necessary.

**PEAS: Powdery Mildew, Rust** - Apply 20-35 lbs. per acre. Begin early in season before disease appears. Repeat at 7-10 day intervals.

**PEPPERS: Powdery Mildew** - Apply 20-35 lbs. per acre. Begin before disease appears. Repeat at weekly intervals.

**POTATOES: Powdery Mildew** - Apply 5-15 lbs. per acre. Apply before disease appears. Repeat at 7-10 day intervals or as necessary.

**SPINACH: Powdery Mildew, Rust** - Apply 8-30 lbs. per acre. Apply when disease first appears. Repeat at 7-10 day intervals.

**TOMATOES: Russet Mite, Two-Spotted Mite** - Apply 20-50 lbs. per acre.

### FIELD CROPS

**ALFALFA: Powdery Mildew, Rust** - Apply 20-25 lbs. per acre. Apply to stubble or when crop is not over 3-6 inches high or when disease appears. Repeat at 7-10 day intervals or as necessary.

**BARLEY, OATS, AND WHEAT: Rust** - Apply 25-40 lbs. per acre. Apply at first sign of disease. Repeat at 7-10 day intervals.

**CLOVER: Powdery Mildew, Rust** - Apply 20 lbs. per acre beginning when crop is in bud stage or at first sign of disease. Repeat at 7-10 day intervals or as necessary.

**COTTON: Rust** - Apply 20-30 lbs. per acre. Begin when first true leaves form or when disease threatens. Repeat at 7-10 day intervals.

**COWPEAS: Rust** - Apply 20-25 lbs. per acre. Begin soon after seedling emerges. Repeat at 7-10 day intervals through season.

**FLAX: Powdery Mildew** - Apply 20-30 lbs. per acre. Begin at first sign of disease. Repeat at 7-10 day intervals or as necessary.

**HOPS: Mite Suppression** - Apply 30-40 lbs. per acre.

**PEANUTS: Leaf Spot, Powdery Mildew** - Apply 20-25 lbs. per acre. Begin when plants are 10 days old or when first spots appear on lower leaves. Repeat at 10-14 day intervals and after rains. For **Rust** - Apply 20-30 lbs. per acre. Apply when disease threatens. Repeat at 7-10 day intervals or as necessary.

**SOYBEANS: Leaf Spot, Powdery Mildew** - Apply 8-15 lbs. per acre. Apply at first sign of disease. Repeat at 7-10 day intervals.

**SUGAR BEETS: Rust (Puccinia), Powdery Mildew** - Apply 15-30 lbs. per acre. Apply at first signs of disease. Repeat at 7-10 day intervals. No time limitations.

**VETCH:** Rust - Apply 25-40 lbs. per acre. Begin at first signs of disease. Repeat at 7-10 day intervals.

#### **ORNAMENTAL CROP USE**

**ALDER, AZALEA, BUTTONBUSH, CATALPA, CHRYSANTHEMUMS, GLADIOLAS, HONEYSUCKLE, ROSES, SUNFLOWERS, SYCAMORE, ZINNIA:** Powdery Mildew - Apply 20-40 lbs. per acre. Begin when disease appears and repeat at 5-10 day intervals and after rain or as necessary.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonable for the purposes stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to the seller; the buyer assumes the risk of any such use.