



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

JAN 23 1994

Beverly Neale  
HELENA CHEMICAL CO.  
6075 Poplar Ave - Suite 500  
Memphis, TN 38119

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/07/93 in Response to PR Notice 93-7  
EPA Reg. No. 5905-288  
HELENA BRAND 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. 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:**

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

# DUSTING SULPHUR

ACTIVE INGREDIENT:	BY WT.
Sulphur .....	93%
INERT INGREDIENTS: .....	7%
TOTAL: .....	100%

Screen Test, Sulphur, through 325 mesh - 93%

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JAN 25 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
5905-288

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE OTHER CAUTION STATEMENTS ON SIDE PANEL**

EPA REG. NO. 5905-288  
EPA EST. NO.

NET CONTENTS:

MANUFACTURED BY  
HELENA CHEMICAL COMPANY  
MEMPHIS, TN 38119

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing vapors, dust or spray mist. Avoid contact with skin, eyes, or clothing.

**IF SWALLOWED:** Give one or two glasses of water and induce vomiting by touching finger to back of throat.

**IF ON SKIN:** Wash thoroughly with soap and water.

**IF IN EYES:** Wash eyes with plenty of clear water for 15 minutes. Get medical attention if irritation persists.

**PERSONAL PROTECTIVE EQUIPMENT**

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.

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 170.24(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**

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**PHYSICAL OR CHEMICAL HAZARDS**

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. 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.

## **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 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

## **STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an 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.

## **PRODUCT INFORMATION**

To be used as a dust without dilution in conventional ground or air equipment. The best hours for dusting are usually between 5:00 p.m. and 9:00 a.m. and when the wind velocity is less than 5 miles per hour. For disease control begin applications before diseases occur or appear and repeat at 7 to 10 day intervals as needed. To assure good control of mites, dust lower leaf surfaces.

Some fruits and other plants are susceptible to injury from sulphur under certain climatic conditions. The user is advised not to use sulphur on any crop unless local use has proved that sulphur does not damage crops in that locality. Sulphur may burn foliage when the temperature is high (90° or above). Do not use sulphur on Eastern American type grapes, spinach, apricots, or other sulphur susceptible plants. Do not make applications within two weeks before or after an oil spray. On citrus do not apply within 60 days prior to or after an oil spray. For light to moderate infestations use lower amount recommended. For moderate to heavy infestations use higher of recommended amounts.

When growing crops for processing, consult processor before applying sulphur.

### RECOMMENDATIONS

#### APPLES, CHERRIES, PEACHES, NECTARINES, PLUMS, QUINCES:

Powdery Mildew, Brown Rot, Scab - 40 to 60 lbs. per acre. Dust when disease first appears and repeat as necessary. For cherries make first application of Pink Bud Stage, retreat at petal fall and shuck fall stages. Peaches and plums use as a preventative dusting when the fruit starts to ripen. Apply when plants are dry. Sulphur may cause russetting of some apple varieties.

#### BEANS:

Powdery Mildew, Rust, Leaf Spot - 15 to 20 lbs. per acre. Sulphur may injure some varieties.

#### BLUEBERRIES, BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, CURRANTS, GOOSEBERRIES, HUCKLEBERRIES, RASPBERRIES:

Powdery Mildew - Use 10 to 20 lbs. per acre.

#### CITRUS:

Citrus Red Spider, Two-spotted Mite, Thrips - Use 80 to 95 lbs. per acre. Dust when infestation threatens.

#### COTTON:

Atlantic Mite - Apply 25 to 30 lbs. per acre by ground or 30 to 35 lbs. per acre by air. Most effective when temperatures are 90°F or above. Dust when infestation threatens.

#### CUCUMBER, MELONS, PUMPKIN, SQUASH:

Powdery Mildew - Use 10 to 20 lbs. per acre. Do not use on cucurbits unless local experience has proven sulphur to be safe on such plants.

#### GRAPES:

Powdery Mildew - Use 20 to 40 lbs. per acre. Dust first when shoots are 6 inches long. Follow a dusting program of application each 7 to 10 days.

#### ONIONS:

Downy Mildew - Use 15 to 30 lbs. per acre.

#### PEANUTS:

Leaf Spots - Make 3 to 4 applications starting last week in June and not later than July 10. Following applications at 14 day intervals. Make applications as follows - 1st application, 15 lbs. per acre. 2nd application - 18 lbs. per acre. 3rd application - 20 lbs. per acre. 4th application (if needed) - 20 lbs. per acre.

#### STRAWBERRIES:

Powdery Mildew - Use 10 to 20 lbs. per acre.

#### SUGAR BEETS:

Spider Mites - Use 30 to 35 lbs. per acre. Use in hot weather in desert areas. May cause burn but injury less severe following irrigation. Dust as infestation warrants.

**TOMATOES:**

**Tomato Russet Mites - Use 30 to 40 lbs. per acre. Apply in early season.**

**NOTICE OF WARRANTY**

**WARRANTY AND LIMITATIONS OF DAMAGES.** Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other expressed or implied warranty, including any other expressed or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages, such as loss of profits or value, etc.