

# SIGNAL™ DUSTING SULFUR

An Agricultural Insecticide and Fungicide

ACTIVE INGREDIENT	% By Wt.	
Sulfur .....		98.7%
INERT INGREDIENT .....		1.3%
TOTAL .....		100.0%

EPA Reg. No. 2935-504

EPA Est. No. 2935-CA-1<sup>F</sup>, 2935-CA-12<sup>F</sup>  
Superscript is first letter of lot number.

## KEEP OUT REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

## FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

### IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

## PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear: A) Long-sleeved shirt and long pants; B) Chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride; C) 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.

## ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your local State Water Board or Regional Office of the EPA.

## PHYSICAL AND CHEMICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks or flames. Do not smoke while using this product.

### USER SAFETY RECOMMENDATIONS

User 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.
- 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.

### 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 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), notification to workers, 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: A) Coveralls; B) Chemical-resistant gloves made of any waterproof material C) Shoes plus socks.

### PRODUCT INFORMATION

Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. Do not use on apricots, Anjou and comice pears, cranberries, cucurbits (cucumbers, squash and some varieties of melons), filberts, spinach, tung trees, walnuts and other sensitive plants. Except on cotton, do not apply when shade temperatures exceed or are likely to exceed 90°F. Sulfur may burn foliage and fruit during periods of high temperatures and under certain climatic conditions. Do not use sulfur within 30 days of an oil spray (60 days on citrus). If the crop to be treated will be used for canning or freezing purposes, consult food processor before applying sulfur. Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information, as the timing and number of applications need will vary with local conditions.

Apply the specified amounts of this product uniformly to the foliage when air is calm, using ground power equipment or aircraft. Except as otherwise shown, apply at the first sign of infection and repeat at 7-10 day intervals as needed to maintain control. 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.

### CROP AND APPLICATION RATES

#### FRUIT CROPS

**APPLES:** Scab, Powdery Mildew - apply 30 to 35 lbs. per acre in the green tip to pink bud stage. MacIntosh, Golden Delicious, Jonathan and certain other varieties may be injured by sulfur. Use on sulfur-tolerant varieties only.

**CHERRIES:** Blossom Blight, Brown Rot, Powdery Mildew - apply 50 lbs. per acre in the popcorn, full bloom and petal-fall stages. Leaf Spot, Powdery Mildew - apply 50 lbs. per acre at petal-fall, shuck-fall and 2 weeks after shuck-fall.

**CITRUS:** Six-Spotted and Citrus Rust Mites-apply 80 lbs. per acre. Citrus and Yuma Spider Mites-Apply 1-- lbs. per acre. Citrus Thrips-apply 100 lbs. per acre in three applications: mid-March, petal-fall and 2-4 weeks later. Avoid applications during or preceding high temperatures. Do not apply within 2 months of an oil spray.

**GRAPES:** Rust, Powdery Mildew-apply 5 to 10 lbs. per acre in successive applications: when shoots are 6 inches long, shoots 12 to 15 inches long, 14 days afterwards and 10 to 14 days thereafter to harvest. Caution: Concord and Labrusca type grapes may be injured by sulfur.

**PLUMS, PRUNES:** Brown Rot, Leaf Spot, Prune Rust-apply 35-50 lbs. per acre. For Brown Rot of fruit, dust when fruit begins to ripen. For Leaf Spot and Rust begin at pink stage, repeat at bloom, petal-fall, shuck-fall and in cover period apply as necessary.

**STRAWBERRIES:** Powdery Mildew-apply 10 to 20 lbs. per acre.

**VEGETABLE AND FIELD CROPS**

**ALFALFA:** Spider Mites - apply 15 to 25 lbs. per acre. Caution: sulfur may cause petal burn, to open flowers.

**BEANS:** Powdery Mildew, Rust, Spider Mites - apply 15 to 30 lbs. per acre. For Rust control start applications as soon as the first true leaves form and continue at weekly intervals until blossom time. Caution: may cause injury to some varieties of beans.

**CARROTS:** Petrobia Mite - apply 30 to 35 lbs. per acre.

**CLOVER:** Powdery Mildew, Spider Mites - apply 15 to 25 lbs. per acre.

**COTTON:** Atlantic Mite, Cotton Rust - apply 25 to 30 lbs. per acre.

**GRASS SEED CROPS:** Timothy Mite - apply 30 lbs. per acre.

**MELONS (Honeydew and sulfur-resistant melons only):** Powdery Mildew, Spider Mites - apply 20 to 25 lbs. per acre.

**ONIONS:** Petrobia Mite - apply 20 to 30 lbs. per acre during warm weather.

**PEAS:** Powdery Mildew - apply 15 to 20 lbs. per acre.

**SUGAR BEETS:** Spider Mite - apply 30 to 35 lbs. per acre.

**TOMATOES:** Tomato Russet Mite - apply 15 to 40 lbs. per acre.

**TURNIPS and RUTABAGAS:** Powdery Mildew - apply 15 to 20 lbs. per acre



**ORNAMENTALS**

Use 20 to 40 lbs. per acre. Dust for complete coverage on both sides of leaves, applying when disease first appears and repeat at 5 to 10 day intervals and after rain, or as necessary. Keep new growth protected. AVOID APPLICATION TO SULFUR SENSITIVE PLANTS.

**CHRYSANTHEMUM:** Powdery Mildew, Rust. Do not apply when flowering.

**HOLLYHOCK:** Rust.

**ROSES, PERENNIALS, SHRUBS:** Black Spot, Powdery Mildew, Rust. Caution: some burning may occur when used during warm weather.

**FOR ALL CROP USES LISTED  
ON THE PRODUCT LABEL  
(for both ground and air applications)**

Dusting Sulfur can create situations where drift to nontarget or sensitive areas can occur. To minimize the occurrence of drift incidents, the following conditions must be met:

**DIRECTIONS FOR USE (GENERAL)**

In addition to specific instructions under directions for use on the main sulfur label, the following conditions must also be followed for use in California:

1. The operator of the property and the applicator must establish a buffer zone of enough distance to prevent drift onto nontarget areas such as hospitals, clinics, schools, residential areas and any other area designated by county agricultural commissioner.
2. The operator of the property and the applicator must evaluate the method and equipment for each site to ensure proper and safe use. Evaluations shall include, but not be limited to the appropriateness of ground or air application.
3. Sulfur shall not be applied when the wind velocity exceeds 10 miles per hour. Applicators should be aware that in some areas of California, "dead calm" conditions are often associated with an inversion situation. In these areas applying sulfur when there is a minimum air movement of 2 miles per hour will help insure that an inversion situation does not exist.
4. All applicators, prior to use of dust formulations, should read and understand the Best Application Practices Manual.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

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

**Pesticide 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.

**SPILL OR LEAK:** Small spills can be handled routinely. Use adequate ventilation and wear a respirator or a dust mask to prevent irritation. Wear suitable protective clothing and eye protection to prevent skin and eye contact. Use the following procedures.

Sweep or shovel up spilled material using a natural fiber broom and/or aluminum shovel to reduce sparking. Be careful not to create dust as an explosion could result. Place sweepings in an appropriate chemical waste container. Seal container and dispose of in an approved facility. Flush spill area with detergent and water to remove any residue.

**IN CASE OF A CHEMICAL EMERGENCY,  
CALL CHEMTREC 24-HOUR NUMBER: (800) 424-9300**

**WARRANTY STATEMENT**

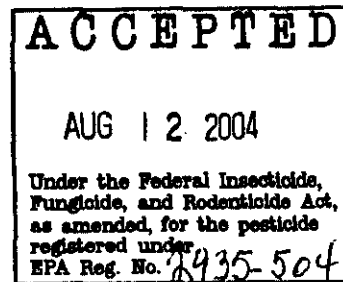
WILBUR-ELLIS COMPANY warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of WILBUR-ELLIS COMPANY. In no case shall WILBUR-ELLIS COMPANY be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling or application of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for this product or at WILBUR-ELLIS COMPANY'S election, the replacement of this product. WILBUR-ELLIS COMPANY MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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