

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Mr. C. A. Clark  
Helena Chemical Company  
5100 Poplar Avenue  
Memphis, TN 38137

Dear Mr. Clark:

Subject: Wettable Sulfur  
EPA Registration No. 5905-289  
Your Submission Dated November 8, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records.

The new statement "Do not contaminate water when disposing of equipment washwaters" should replace the old one. Please delete the old statement.

Sincerely yours,

LS

Lois A. Rossi  
Product Manager (21)  
Fungicide- Herbicide Branch  
Registration Division (TS-767C)

CONCURRENCES

SYMBOL

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# WETTABLE SULPHUR

For Use In Water As An Agricultural Fungicide

ACTIVE INGREDIENT	BY WT
Sulphur	90%
INERT INGREDIENTS	10%
TOTAL	100%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Other Cautions Below.  
**PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.**

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5405-289

### 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.

#### STATEMENT OF PRACTICAL TREATMENT

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.

#### ENVIRONMENTAL HAZARDS

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

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

#### RE-ENTRY STATEMENT

Workers are not to enter treated areas for any activity requiring substantial contact with treated foliage for 24 hours after application.

After treated areas without protective clothing until sprays have dried, certain states may require more restrictive reentry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.

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. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information: Caution: Area treated with sulphur on (date of application). Do not enter without appropriate protective clothing for 24 hours in case of accidental exposure. Consult product label for statement of practical treatment.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or soil, 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 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 INFORMATION

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 make sulphur applications 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.

For light to moderate infestations, use lower amount recommended. For moderate to heavy infestations use higher of recommended amounts. Use enough water to insure adequate coverage.  
**WINTER GROWING CROPS FOR PROCESSING, CONSULT PROCESSOR BEFORE APPLYING SULPHUR  
DO NOT USE WITHIN FOUR (4) WEEKS OF AN OIL SPRAYING.**

#### RECOMMENDATIONS

Pour needed amount into tank under agitation. If necessary, add a few drops of oil to avoid foaming.

#### DIRECTIONS FOR DILUTION

DILUTE APPLICATION - Ground Application - Apply specified rate in 20 to 100 gallons of water per acre. Orchard Application - Apply specified rate in 100 to 1500 gallons of water per acre.

CONCENTRATE APPLICATION - Ground Application - Apply specified rate in not less than 5 gallons of water per acre. Orchard Application - Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these areas.

AIR APPLICATION - Apply specified rate in 5 to 20 gallons of air per acre. Orchard rates should not be applied in less than 10 gallons of water per acre. FOR BEST RESULTS use sufficient water per acre to give thorough coverage of all plant parts.

ALMONDS, CHERRIES, PLUMS, PRUNES - Brown Rot, Leaf Spot, Powdery Mildew, Silver Mite, Red Spider Mite - Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall and repeat at 10 - 14 day intervals as necessary or after period of wet weather.

APPLES, PEARS (Except D Anjou) - Powdery Mildew, Scab, Red Spider Mite - Apply 10 to 30 lbs. per acre at pre bloom and petal fall and apply with cover sprays throughout the season.

PEACHES, NECTARINE - Brown Rot Blossom Blight, Powdery Mildew, Silver Mite, Red Spider Mite - Apply 10 to 30 lbs. per acre at bloom or early petal fall and repeat at 10-14 days intervals as necessary or after period of wet weather.

CITRUS (GRAPEFRUITS, KUMQUATS, LEMONS, LIMES, ORANGES, TANGERINES, TANGELOS) - Flat Mite, Red Spider Mite - Apply 8 to 20 lbs. per acre. Apply in any spray NOT CONTAINING OIL, or following oil by 14 days. Apply when infestation invades.

WALNUTS - European Red Mite, Almond Mite, Two-Spotted Mite, Red Spider Mite - Apply 10 to 20 lbs. per acre. Apply with mist sprays to increase effectiveness. CAUTION: Do not apply unless variety is known to be tolerant to sulphur.

GRAPES - Powdery Mildew, Red Spider Mite - Apply 5 lbs. per acre. Apply in late dormancy, with cutworm spray, early shoot period and every 14 days through season.

BLACKBERRY (Rubus spp.) - Powdery Mildew - Apply 8 to 15 lbs. per acre. Apply when new shoots are 8" long and before blossoms open. Repeat at 10 day intervals as necessary.

RASPBERRY (Rubus spp.) - Powdery Mildew (Sphaerotheca humuli) - Apply 8 to 15 lbs. per acre. Apply each week starting at first bloom color, until fruit is set, then repeat as weather requires.

STRAWBERRIES - Powdery Mildew, Red Spider Mite - Apply 5 to 10 lbs. per acre. Apply at early leaf stage. For powdery mildew, at first signs of disease and repeat as needed.

BEANS, PEAS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARD, KALE, PEPPERS, POTATOES - Powdery Mildew, Red Spider Mite - Apply 5 lbs. per acre. Apply at early leaf stage and repeat every 10 to 14 days.

TOMATOES - Rust Mite - Apply 5 lbs. per acre as needed. Through coverage required.  
COTTON SEED ALFALFA - Red Spider Mite - Apply 5 lbs. per acre as needed.

PEANUTS - Powdery Mildew, Leaf Spot, Red Spider Mite - Apply 8 lbs. per acre. Start at early leaf stage and repeat as necessary usually 10 - 24 days.

SUGAR BEETS - Red Spider Mite - Apply 5 lbs. per acre as needed.  
ROSES - Black Spot, Powdery Mildew - Apply 6 to 8 lbs. per 100 gallons of water. Apply at first sign of disease and repeat as needed.

#### 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 purposes 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 OF MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so. In event of 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 or consequential damages, such as loss of profits or value, etc.

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