



PH21 5905-289

File
1 of 7

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

JAN 26 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Judy Oldham
HELENA CHEMICAL CO
6075 POPULAR AVE - SUITE 500
MEMPHIS, TN 38119

Subject: Label Amendment Submission of 08/18/93 in Response to PR Notice 93-7
EPA Reg. No. 5905-289
HELENA WETTABLE 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

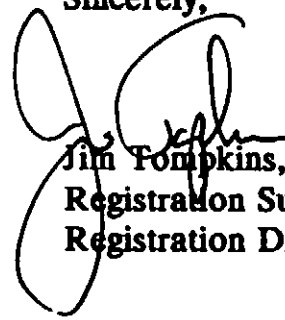
Submit the final printed labeling via the U.S. Postal Service to:

**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

Revised for WPS 8/18/93

3047
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ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 26 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5905-289

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.

EPA REG. NO.: 5905-289
EPA EST. NO. 51036-GA-1

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.

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.

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 170.240(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

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

CHEMIGATION PROHIBITION

Do not apply this product through any type or irrigation system

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 exposed 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.

WHEN 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 water 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 - 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 day 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 threatens.

WALNUTS:

European Red Mite, Almond Mite, Two-Spotted Mite, Red Spider Mite - Apply 10 to 20 lbs. per acre. Apply with mite 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 cut-worm spray, early shoot period and every 14 days through season.

BLACKBERRY (Rubus spp.):

Powdery Mildew - Apply 6 to 15 lbs. per acre. Apply when new shoots are 6" long and before blossoms open. Repeat at 10 day intervals as necessary.

RASPBERRY (Rubus spp.):

Powdery Mildew (Sphaerotheca humuli) - Apply 6 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, BRUSSEL 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:

Russet Mite - Apply 5 lbs. per acre as needed. Thorough 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 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.

SULPHUR, SOLID, ORM-C, UN 1350