

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 5905-289	DATE OF ISSUANCE MAY 14 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Helena Wettable Sulfur	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Helena Chemical Company 5100 Poplar Suite 3200 Memphis, TN 38137	$\begin{array}{r} 656 \quad 169867 \\ \hline 17 \quad \quad \quad 1 \end{array}$
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Registration Standard Guidance Package, EPA has reregistered the product listed above. This registration is granted under the authority of section 3(g) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Add the following to the human hazard statement:

"Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."

2. Add the following physical hazard statement:

"Keep away from heat, sparks, or flame. Do not smoke while applying this product."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Henry M. Jacoby</i>	DATE 5/14/86
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3. Change the Pesticide Disposal statement to read, "Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility."
4. Add the appropriate language from PR Notice 83-2, Farmworker Safety.
5. The signal word must be in 18-point type.



Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

HELENA CHEMICAL COMPANY



CORPORATE OFFICE

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5100 Poplar Avenue
Memphis, Tennessee 38137
Telephone 901/761-0050
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HELENA

WETTABLE SULPHUR
For use in Water as an Agricultural
Fungicide

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE OTHER CAUTIONS ON SIDE PANEL

ACCEPTED
with COMMENTS
EPA Letter Dated:

MAY 14 1986

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

5905-289

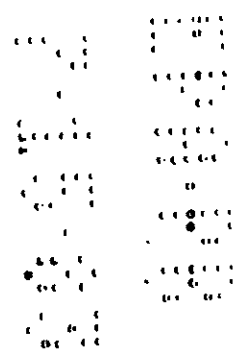
ACTIVE INGREDIENT	BY WT
Sulphur.....	90%
INERT INGREDIENTS.....	10%
TOTAL	100%

EPA Reg. No. 5905-289

NET CONTENTS

EPA Est. No.

Manufactured by
HELENA CHEMICAL COMPANY
Memphis, TN 38137



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.

ENVIRONMENTAL HAZARDS

Do not apply directly 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.

RE-ENTRY STATEMENT

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

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

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

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 spray 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, LeafSpot, 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 to 14 day intervals as necessary or after period of wet weather.

CITRUS (GRAPEFRUITS, KUMQUATS, LEMONS, LIMES, ORANGES, TANGERINE, 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, Pacific 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 sulfur.

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 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, 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: 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 warrant 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.