

105-288 P1101 1066

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 5905-288	DATE OF ISSUANCE MAY 14 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Helena Wettable Sulfur	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
 (Under the Federal Insecticide, Fungicide,  
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Helena Chemical Company  
 5100 Poplar  
 Suite 3200  
 Memphis, TN 38137

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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.

- Add the following to the human hazard statement:  
 "Wash thoroughly with soap and water after handling.  
 Remove contaminated clothing and wash before reuse."
- 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: *Henry M. Jacoby*      DATE: 5/14/86

- 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

Suite 3200 -- Clark Tower  
5100 Poplar Avenue  
Memphis, Tennessee 38137  
Telephone. 901/761-0050  
Telex 8105911595

HELENA

DUSTING SULPHUR

ACTIVE INGREDIENT:

Sulphur.....	93%
INERT INGREDIENTS.....	7%
TOTAL.....	100%

Screen Test, Sulphur, through 325 mesh - 93%

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

EPA EST. NO. 5905-FL-1  
EPA REG. NO. 5905-288

NET CONTENTS

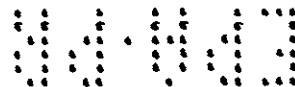
Manufactured By  
Helena Chemical Company  
Memphis, TN 38137

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

**REREGISTERED  
MAY 14 1986**

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

5905-288



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 <sup>to</sup> 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

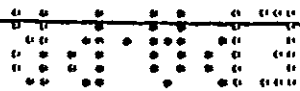
Workers are not to enter treated areas for any activity requiring substantial contact with treated foliage for 24 hours after application.

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

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 sulfur.

### 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.

Leaf Spots -

Peanuts: 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 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.

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