


5/21/97

PM 21

5905-437

P917

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 5905-437</p>	<p>Date of Issuance: MAY 21 1997</p>
	<p>Term of Issuance: Unconditional</p>	
	<p>Name of Pesticide Product: Liquid Sulfur Six</p>	
<p>Name and Address of Registrant (include ZIP Code): Ms. Judy Oldham Helena Chemicals Company 6075 Poplar Avenue, Suite 500 Memphis, TN 38119</p>		
<p>Note: Changes in labeling 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 EEA registration number.</p>		
<p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p> <p>Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.</p>		
<p>Signature of Approving Official: <i>Carl S. Grubbs for PM 21</i></p>	<p>Date: MAY 21 1997</p>	

LIQUID SULFUR SIX

ACTIVE INGREDIENT:

Sulfur 52.00%

INERT INGREDIENTS: 48.00%

TOTAL 100.00%

This product contains 6 lbs. of Sulfur per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

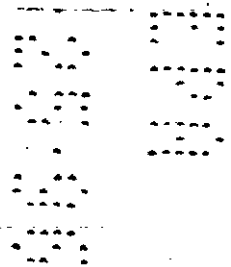
See Additional Precautionary Statements and Directions for Use Inside Label.

EPA REG. NO.: 5905-437
EPA EST. NO.:

NET CONTENTS:

A C C E P T E D
MAY 21 1997
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5905-437

**MANUFACTURED BY
HELENA CHEMICAL COMPANY
MEMPHIS, TN 38119**



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush eyes with plenty of water. Call a physician 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

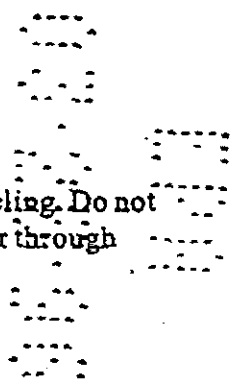
Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

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

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.

Product may be stored and if frozen may generally be restored after thawing and mixing. Repeated freezing-thawing cycles may impair utility.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRODUCT INFORMATION

Liquid Sulfur Six is a flowable sulfur formulation that can be mixed with liquid fertilizers or water and applied by ground or air application. Consult your state or local extension specialist for additional treatment information.

Sulfur may cause injury if used improperly or under unfavorable weather conditions. During periods of high temperature Sulfur may burn foliage. Do not make Sulfur applications at such times.

NOTE: Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. Do not apply or allow to drift to apricots, d'Anjou and Comice pears, cranberries, cucurbits (cucumber, cantaloupes, melons, squash), filberts, spinach, tung trees, walnuts or other sensitive plants.

DO NOT USE WITHIN FOUR (4) WEEKS OF AN OIL SPRAYING.

SULFUR IS HIGHLY CORROSIVE, AND EQUIPMENT SHOULD BE CLEANED THOROUGHLY AFTER EACH DAY'S SPRAYING.

DIRECTIONS FOR MIXING

BEFORE USING, STIR UNTIL SMOOTH

Pour recommended amount in partially filled spray tank. Keep agitator running during filling and spraying operation. DO NOT ALLOW MIXTURE TO STAND. Failure to maintain agitation will cause Liquid Sulfur Six to settle and may necessitate manual stirring to redisperse.

RECOMMENDATIONS:

**WHEN GROWING CROPS FOR PROCESSING,
CONSULT THE PROCESSOR BEFORE APPLYING SULFUR.**

Unless otherwise specified for specific crops, dosage rates are given as pints of Liquid Sulfur Six per 100 gallons water for use in a thorough coverage spray. The total amount of Liquid Sulfur Six per acre should be 2 to 4 gallons depending on the size of trees. Because of variations in the types of spray equipment used, a range of low and high rates is listed. For high volume sprayers (output 800 to 1000 gallons spray per acre) use the low rate; for low volume sprayers (output 20 to 300 gallons spray per acre) use the high rate.

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

APPLE, PEAR:

Scab:

Pre-bloom through calyx sprays 1½ to 3½ pints

Cover Sprays ¾ to 2 pints

Powdery Mildew:

Pre-bloom through calyx sprays 3 pints

Cover Sprays 2 pints

ALMOND, CHERRY, PLUM AND PRUNE:

Brown Rot, Leafspot

Pink and Bloom Sprays 1½ to 3½ pints

Petal fall, shuck & cover sprays 2/3 to 1¼ pints

AVOCADOS:

Brown Mite: Use 3-5 pints. Apply in a minimum of 8 gallons of water by air.

BEANS, PEAS, COLE CROPS, PEPPERS:

Powdery Mildew, Red Spider Spp. - Use 3-4 pints in 8 gallons of water by air. Apply at first sign of infection and repeat at 3 week intervals.

CITRUS: ORANGES, LIME, GRAPEFRUIT, LEMONS, TANGELOS, AND TANGERINES:

To control **Rust Mites, Clover Mite** - Use 1/4 to 4 1/2 pints. Apply spray November thru May. **Thrips (early spring treatment for the reduction of Thrips population)** - Apply 1 to 2 gallons per acre in sufficient water for thorough coverage. Make application after spring flush has made 3 to 4 inch growth. Repeat if necessary. Do not apply within 21 days of an oil application.

PEACH, NECTARINE:

To control **Powdery Mildew, Brown Rot, Scabs** - Use 1 1/2 to 3 1/2 pints per 100 gallons of water applied at pink and bloom. Use 2/3 to 2 1/4 pints per 100 gallons of water at petal fall, shuck split, shuck fall and at 10 to 14 day intervals as long as necessary. For **Brown Rot of fruit**, apply when fruit starts to ripen. Application to mature nectarines may cause discoloration.

FIELD AND VINE CROPS

Unless otherwise specified for specific crops, dosage rates are given as pints of **Liquid Sulfur Six** per acre. This product should be applied by ground equipment or aircraft in sufficient water to provide thorough coverage.

COTTON:

Atlantic Mite - 2 pints for early season control and up to 1 gallon for mid to late season control. Do not apply when temperature exceeds 90°F.

GRAPES:

Powdery Mildew Control - Use 1-2 pints per 100 gallons of water, maximum of 8 pints **Liquid Sulfur Six** in spring and summer. Applications in California, use 2-3 quarts per acre in enough water for thorough coverage or per 100 gallons of water in spring and summer applications. Make the first application when shoots are 6-8 inches long, the second when shoots are 12-15 inches long and the third at about bloom stage. Timing, rates, and number of applications vary with local conditions. Consult your state Agricultural Extension Service for specific recommendations.

PEANUTS:

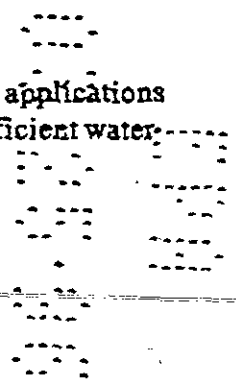
For Rust - Use 2 to 4 pints per acre of **Liquid Sulfur Six** in enough water for good coverage. Apply when disease threatens. Repeat at 7 to 10 day intervals as necessary.

POTATOES:

Powdery Mildew - Use 3 to 4 pints in 8 gallons of water per acre by air. Apply at the first sign of infection and repeat at 3 week intervals.

SUGAR BEETS:

Powdery Mildew Control - Apply 2-4 quarts, depending on disease pressure, for 2-4 applications at 2 week intervals when disease symptoms first appear. For aerial application, use sufficient water to obtain adequate coverage.



STRAWBERRIES:

Powdery Mildew - Use 2 pints. Apply at first sign of infection and repeat at 3 week intervals. For Strawberries that will be canned, discontinue application of sulfur well before harvest in accordance with local canners' recommendations.

TOMATOES:

Tomato Russet Mite - Use 1/2 to 1 gallon per acre depending upon size of plants. Use full coverage sprays.

CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man, or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against the Company exceed the price of the product which causes the alleged loss, damage, injury, or other claim. The Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income.

The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability, and remedies.

