

JAN 19 1996

Ms. Lisa J. Strong
Plant Health Technologies
P.O. Box 198
Lathrop, CA 95330

Dear Ms. Strong:

Subject: Super Six Liquid Sulfur
EPA Reg. No. 65343-1
Your Submission of November 9, 1995

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration or reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling change listed below before you release the product for shipment bearing the amended labeling:

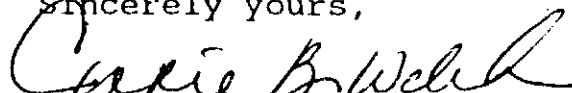
In the disease/pest column for grapes, correct the pest name to read "powdery mildew".

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Connie B. Welch
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:1/11/96

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ACCEPTED
with COMMENTS
EPA Letter Dated
JAN 19 1996

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

65-343-1



Liquid Sulfur

ACTIVE INGREDIENT:	
Sulfur as S	52.0%
INERT INGREDIENTS:	48.0%
TOTAL	100.0%

THIS PRODUCT CONTAINS 6 LBS. OF SULFUR PER GALLON.
STORE ABOVE 32°F. SHAKE WELL BEFORE USING.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

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

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

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

EPA Reg. No. 65343-1
EPA Est. No. 1812-GA-1

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

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

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants,
2. Water proof gloves
3. Shoes plus socks
4. Protective Eyewear

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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 incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRODUCT INFORMATION

SUPER SIX® Liquid Sulfur is a flowable sulfur formulation that may be applied as a ground or aerial application. Consult your State Agricultural Experiment Station or Extension Specialist for advice in selecting treatments from this label to best fit local conditions. Do not combine with emulsifiable liquids except on dormant sprays or delayed dormant spray applications. **USE ONLY ON CROPS LISTED AND ONLY AS SPECIFIED ON THIS LABEL. EXCEPT ON COTTON, DO NOT APPLY WHEN TEMPERATURES EXCEED OR ARE LIKELY TO EXCEED 90°F.** Do not use sulfur with oil or within 14 days of an oil spray (for citrus 21 days). Do not combine with emulsifiable liquids.

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. Sulfur may burn foliage and fruit during periods of high temperatures and under certain climate conditions.

SUPER SIX® Liquid Sulfur can be mixed and applied with liquid fertilizer or water.

GENERAL CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation system(s). Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. At an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

When mixing, fill nurse tank half full with water. Add SUPER SIX® Liquid Sulfur slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc., should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures. **DO NOT STOP AGITATION WITH SULFUR IN SPRAY EQUIPMENT. SULFUR IS HIGHLY CORROSIVE, AND EQUIPMENT SHOULD BE CLEANED THOROUGHLY AFTER EACH DAY'S SPRAYING.**

SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain approximately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment. When mixing, fill nurse tank half full with water. Add SUPER SIX® slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc., should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

DO NOT STOP AGITATION WITH SULFUR IN SPRAY EQUIPMENT. SULFUR IS HIGHLY CORROSIVE, AND EQUIPMENT SHOULD BE CLEANED THOROUGHLY AFTER EACH DAY'S SPRAYING.

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SUPER SIX® Liquid Sulfur
EPA Reg. No. 65343-1

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 requirement 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, 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), notification to workers 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 work 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:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks
4. Protective Eyewear

DILUTION RATE: Unless otherwise specified, use the rate per acre and dilute as follows.

AIR: 5-30 gallons of water per acre

DILUTE: 100 plus gallons of water per acre

CONCENTRATE: 10-100 gallons of water per acre.

RECOMMENDATIONS

TREE FRUITS

This product may be applied by ground equipment, aircraft or sprinkler irrigation systems but must be applied in sufficient water to assure thorough coverage. Dosage rates are given as pints of SUPER SIX® Liquid Sulfur per acre for use in a thorough coverage spray. The total amount of SUPER SIX® Liquid Sulfur per acre should not exceed 4 gallons depending on the size of the trees. Because of variations in the types of spray equipment used, the size of trees and density of foliage, the potential for disease, and the severity of disease incidence, a range of low and high rates is listed. Use the high rates where conditions dictate.

Crop	Disease / Pest	Rate / Acre	Use Instructions
Apple & Pear	Scab	6 to 14 pints	Use at pre-bloom through calyx sprays.
		3 to 8 pints	Use as cover spray.
	Powdery Mildew	12 pints	Use at pre-bloom through calyx sprays.
		8 pints	Use as cover spray.
Cherry, Plum and Prune	Brown Rot and Leafspot	6 to 14 pints	Use as pink and bloom sprays.
		2½ to 7 pints	Use at petal fall, shuck and cover sprays.
Citrus	Rust Mite & Clover Mite	3 to 18 pints	Apply sprays November through May.
	Thrips	8 to 16 pints	Use as an early spring treatment for the reduction of thrips population. Thorough spray coverage is essential. Make application after spring flush has made 2 to 4 inch growth. Repeat as necessary. Do not apply within 21 days of an oil application.
Peach and Nectarine	Powdery Mildew, Brown Rot and Scab	6 to 14 pints	Use as pink and bloom sprays. Application to mature nectarines may cause discoloration.
		2½ to 7 pints	Use at petal fall, shuck and cover spray. Application to mature nectarines may cause discoloration.

FIELD AND VINE CROPS

The high rate should be used where conditions favor disease development or where the incidence of disease is high. Use shorter spray intervals when disease is severe.

Crop	Disease / Pest	Rate / Acre	Use Instructions
Beans (dry, colored, green, snap, lima) (except CA)	Powdery Mildew & Rust	4 to 8 pints	Use in sufficient water for thorough coverage. Begin application at the first sign of disease. Repeat at 7 to 14 day intervals to keep new growth protected.
Cotton	Atlantic Mite	2 pints	For early season control.
		8 pints	For mid to late season control.
Grapes	Powdery	1 to 8 pints	Begin treatment at budbreak to 2 inch shoot growth. Reapply at 7 to 10 day intervals. The timing will vary with local conditions. Refer to University of California Integrated Pest Management Guidelines or consult State Agricultural Extension Service or State Agricultural Experiment Stations in your region for specific information.
Onions (except CA)	Powdery Mildew	1½ to 2 pints	Use in sufficient water for thorough coverage. Begin application at the first sign of disease; repeat at 7 to 14 day intervals to protect new growth.
Peanuts	Rust	2 to 4 pints	Begin 40 to 60 days after planting. Use 7 to 14 day intervals as long as needed to control rust.
Potatoes	Powdery Mildew	3 to 4 pints	Use in no less than 8 gallons water per acre by air. Apply at the first sign of infection and repeat at 3 week intervals.
Sugar Beets	Powdery Mildew (West, Northwest, and Midwest)	8 pints	Apply in no less than 10 gallons of water by air or ground at first sign of infection. Repeat applications should be made at 10-30 day intervals or as necessary throughout the season. Under most disease conditions only one or two applications will be needed.
		8 to 16 pints	For sprinkler irrigation.
Strawberries	Powdery Mildew	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	Russet Mite	4 to 8 pints	Amount depends upon size of plants. Use full coverage sprays.

Net Contents _____

NOTICE OF WARRANTY

Seller warrants that the chemical composition of this product conforms to the chemical description given on this label. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES AND REPRESENTATIONS EXPRESSED, IMPLIED, OR STATUTORY, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. Timing, rate and method of application, weather and crop conditions, mixtures with chemicals not specifically recommended on this label or an accompanying written recommendation, are beyond the control of seller. Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. Buyer further agrees in the event of damages arising from the use of this product to accept a replacement of the product or a refund of the purchase price of the product, at buyer's option, as full discharge of seller's liability. No one is authorized to make any other warranty, guarantee or directions concerning this product, and no such warranties, guarantees or directions shall be valid or binding upon seller.

SS1-4x (PHT 11/95)



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