

PM 21 34704-70

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

FEB 2 1994

J ALLEN DUNLAP III  
WILLIAM M. MAHLBURG  
AGENT FOR: PLATTE CHEMICAL CO., INC.  
BOX 667  
GREELEY, CO. 80632

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/14/93 Response to PR Notice 93-7  
EPA Reg. No. 34704-70  
CLEAN CROP SULFUR 6 FLOWABLE

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.

**BEST AVAILABLE COPY**



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

2015


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

**BEST AVAILABLE COPY**

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PROPOSED LABEL

ACCEPTED with COMMENTS in EPA Letter Dated

FEB 24 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-70



# SULFUR 6 FLOWABLE

ACTIVE INGREDIENT	
Sulfur .....	52.0%
INERT INGREDIENTS .....	48.0%
TOTAL	100.0%

(Contains 6.0 pounds Sulfur per gallon)

## KEEP OUT OF REACH OF CHILDREN CAUTION

See below for additional precautionary statements. NET CONTENTS 5 U.S. GALLONS

EPA REG. NO. 34704-70  
3448

EPA EST. NO. 39184-WA-1  
WPSEX06G93

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

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

Applicators and other handlers must wear long-sleeved shirt and long pants, unlined gloves, and shoes with socks. Follow manufacturer's instructions for cleaning and maintaining PPE. No such instructions for cleaning and maintaining PPE. Wash PPE separately from other laundry. Engineering controls statements.

When handlers use closed systems, enclosed cabs, or a draft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides, the WPS requirements for the handler PPE requirements may be reduced or eliminated as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

Users should: Wash hands thoroughly before and after each use. Remove clothing immediately if you feel you have been exposed. Do not eat, drink, or use tobacco while using this product. Do not use this product near water. Do not use this product near children and pets.

### STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. If On Skin: Remove contaminated clothing and wash affected areas with soap and water. Seek medical attention if irritation occurs. If In Eyes: Flush eyes with water for at least 15 minutes. Get medical attention.

### ENVIRONMENTAL HAZARDS

For terrestrial uses, 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. Apply this product only as specified on this label.

### 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 to any area where it will contact workers or other persons (unless they are protected from drift) in the area of application. For any requirements specific to your State or to be 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 (WPS) of 29 CFR 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 intervals. The requirements of this label 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 requirements apply 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. It covers all workers, handlers, and other employees.

### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

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: Plastic: 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. Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### RECOMMENDATIONS

Use of this material in a manner other than in accordance with this label may cause serious plant, crop, or personal injury, excessive residues, unsatisfactory control or other unintended consequences.

### APPLICATION INSTRUCTIONS

Unless otherwise specified for specific tree fruits, dosage rates are given as pints of SULFUR 6 FLOWABLE per 100 gallons water for use in a thorough coverage spray.

When dosage rate specifies a range, the lower rate should be used unless the disease population dictates a higher rate is needed for best control. Certain geographic areas may also have need of higher rates. Prior to application, check with local county extension personnel for area rate recommendations.

Do not apply this product through any type of irrigation system, except for use on potatoes and sugar beets. Refer to potato and sugar beet section of label for referral to chemigation directions.

APPLE, PEAR—Scab, Pre-Bloom through Calyx sprays—1 1/2 to 3 1/2 pints. Cover sprays—1 to 2 pints. DO NOT apply to D'Arbo or Comice Pears. POWDERY MILDEW: Pre-bloom through Calyx sprays—2 1/2 to 3

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# SULFUR 6 FLOWABLE

EPA REG. NO. 34704-70

**pints.** Cover sprays—2 pints. Pear Rust Mite: Use 1 quart per 100 gallons to be applied with oil as a delayed dormant or dormant application. **CHERRY, PLUM, PRUNE**—Brown Rot, Leafspot, Pink and bloom sprays—1 1/2 to 3 1/2 pints. Petal fall, shuck and cover sprays—2/3 to 1 1/4 pints. Not recommended for application on Deacon and Varn varieties of cherries.

**CITRUS** (Grapefruit, lemons, limes, oranges, tangelos and tangerines)—Rust Mite—Apply 1 to 4 pints. Do not apply within 4 weeks of an oil application, unless applied with a dormant oil to winter-dormant wood plants. 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 as made 3 to 4 inch growth. Repeat if necessary. Do not apply within 4 weeks of oil application.

**CORN, SORGHUM AND SMALL GRAINS** (Wheat, barley, oats, rye, and flax)—Spider and Common Leaf Spot Mites—Apply 1 gallon per acre in sufficient water to insure thorough coverage when mites appear on bottom 2 leaves. With aerial and concentrate sprayers use 5 to 20 gallons of water per acre. For other ground sprayers, use a minimum of 20 gallons per acre. Repeat applications may be necessary if conditions persist. Can be used in tank mix combinations with other miticides.

**COTTON**—Allantc Mite—2 pints for early season control and up to 1 gallon for mid to late season control.

**GRAPES**—Powdery Mildew—1 to 2 pints per 100 gallons water, maximum of 8 pints SULFUR 6 FLOWABLE per acre in spring and summer. Make first application when shoots are 6 to 8 inches long. Make second application when shoots are 12 to 15 inches long, and third at about bloom stage.

The timing, rate, and number of applications will vary with local conditions. Consult State Agricultural service or State Agricultural Experiment Stations in your region for specific information. Follow the PLANT RESPONSE PRECAUTIONS given on this label.

**PEACH, NECTARINES**—Powdery Mildew, Brown Rot, Leafspot; Pink and bloom sprays—1 1/2 to 3 1/2 pints. Petal fall, shuck and cover sprays—2/3 to 1 3/4 pints. Application to mature nectarines may cause discoloration.

**PEANUTS**—Rust—2 to 4 pints per acre in sufficient water for thorough coverage. Begin application approximately 6 weeks after planting. Repeat at 7 to 10 day intervals as long as rust control is required. Do not apply within 4 weeks of an oil application.

**POTATOES**—Powdery Mildew—3 to 4 pints in 8 gallons water per acre by air. Apply at the first sign of infection and repeat at 3-week intervals. This product may be applied through irrigation systems-chemigation-for application to potatoes. Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS-CHEMIGATION" for use directions for application to potatoes. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

**STRAWBERRIES**—Powdery Mildew—1-2 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.

**SUGAR BEETS**—Powdery Mildew—Apply the recommended rate in 5 to 10 gallons of water per acre by air at first sign of infection. Use 4 pints per acre in the Pacific Northwest, 8 pints per acre in Arizona and 1 to 4 quarts in Colorado, Kansas, Nebraska and Wyoming. Repeat applications should be made at 10 to 30 day intervals or as necessary throughout the season. This product may be applied through irrigation systems-chemigation-for application to sugar beets. Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS-CHEMIGATION" for use directions for application to sugar beets. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

**TOMATOES**—Tomato Russet Mites—1/2 to 1 gallon per acre depending upon size of plants. Use full coverage sprays.

## PLANT RESPONSE PRECAUTIONS

Some plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proven that sulfur is safe in that locality.

During periods of high temperature, sulfur may burn foliage and fruit. Do not make sulfur applications at excessively high temperatures. Do not use SULFUR 6 FLOWABLE with oil or within 4 weeks of an oil application unless applied with a dormant oil to winter-dormant woody plants.

## 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 SULFUR 6 FLOWABLE to settle and may necessitate manual stirring to redisperse.

The strong adhesive properties of SULFUR 6 FLOWABLE act as a sticker on the plant, and the sticking characteristic necessitates the

flushing of equipment with water after each day's use. Sulfur in any form is corrosive material. TO REDUCE EFFECT, EQUIPMENT SHOULD BE FLUSHED DAILY.

## NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR  
PLATTE CHEMICAL CO.

150 SO. MAIN STREET      FREMONT, NEBRASKA 68025-5697

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## SUPPLEMENTAL LABELING

### APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION



# SULFUR 6 FLOWABLE

EPA REG. NO. 34704-70

This product may be applied through irrigation systems-chemigation-for application to potatoes and sugar beets only. Apply this product only through sprinkler, including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move; flood (basin); furrow; border; or drip (trickle) 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***Note: Platte Chemical Company does not encourage connecting chemigation systems to public water supplies. The following information is provided for users who have diligently considered all other application and water supply options before electing to make such a connection.*

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. As 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.

#### SPRINKLER CHEMIGATION

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately 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.

Mix in clean supply tank the recommended amount of this product for acreage to be covered, and needed quantity of water.

On all crops, use sufficient gallonage of water to obtain thorough and uniform coverage, but not cause runoff or excessive leaching. This will vary depending on equipment, pest problem and stage of crop growth. Application of more or less than optimal quantity of water may result in decreased chemical performance, crop injury or illegal pesticide residues.

Inject in system at or near irrigation pump. When applying through a center pivot system, apply during last full revolution of the system. When applying through a portable or solid set system, apply during final 15 minutes of irrigation period. Do not operate system after application until deposit has thoroughly dried and several days have elapsed.

Meter this product into the irrigation water uniformly during the period of operation. Do not overlap application. Follow recommended label rates, application timing, and other directions and precautions for crop being treated. Continuous mild agitation of pesticide mixture may be needed to assure a uniform application, particularly if the supply tank requires a number of hours to empty.

This product should not be tank-mixed with other pesticides, surfactants or fertilizers unless prior use has shown the combination noninjurious under your conditions of use.

Provide constant mechanical agitation in supply tank to keep this product suspended throughout application operations.

ALL APPLICABLE RESTRICTIONS, PRECAUTIONS, AND DIRECTIONS ON THE EPA REGISTERED PRODUCT LABEL MUST BE FOLLOWED.

FORMULATED FOR  
PLATTE CHEMICAL CO.

150 SO. MAIN STREET  
3448

FREMONT, NE 68025-5697  
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