

PROPOSED LABEL

PM 21 34704-161

10/3

LIME-SULFUR SOLUTION

ACCEPTED
DEC 27 1996
Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under EPA Reg. No. 34704-161



ACTIVE INGREDIENT:		
Calcium Polysulfide	29.0%	
INERT INGREDIENTS:	71.0%	
	TOTAL	100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of milk, egg white, or gelatin solution or if these are not available, large quantities of water. Get medical attention. Do not induce vomiting.

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

If In Eyes: Flush eyes with a gentle steady stream of water for 15 minutes. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate gastric lavage.

See Below For Additional Precautionary Statements

Test: 32°F. Baume at 60°F.

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EPA EST. NO. _____

NET CONTENTS _____ GAL. (_____ L)

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Fatal if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irreversible eye damage and skin burns. Do not breathe dust, vapor or spray mist or get in eyes, on skin or on clothing.

Personal Protective Equipment:

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing, or loading, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (c) (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.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. 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 when disposing of equipment/washwaters.

PHYSICAL OR CHEMICAL HAZARDS

MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS.

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 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with any surface that has been treated, such as plants, soil, or water, is: coveralls over long-sleeved shirt and long pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

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 product in a secure locked place, inaccessible to children, pets and livestock. 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. Do not store below temperature of 5°F. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a

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violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
CONTAINER DISPOSAL: 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.

Do not apply this product through any type of irrigation system.

USE PRECAUTIONS

LIME SULFUR SOLUTION is NOT compatible with Bordeaux mixture, captan, dodine, fixed copper compounds, folpet, organic mercury compounds and many insecticides.

Do not spray straight or diluted Lime-Sulfur against painted surfaces.

LIME SULFUR SOLUTION may cause severe fruit and foliage injury to certain crops. Some fruits and other 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 proved that sulfur does not damage crops in that locality. Do not apply during periods of high temperature or injury to foliage may occur. Do not apply during freezing weather.

LIME SULFUR SOLUTION should not be used within 10 to 30 days of an oil spray. (Use in oil is recommended on this label under specific conditions.)

When growing crops for processing, consult the processor before applying LIME SULFUR SOLUTION.

Consult with your State Agricultural Experiment Station or your State Agricultural Extension Service for concentrate sprays and for additional information consistent with this label's use precautions and directions.

Where a range of rates is given, use the higher rate under severe disease conditions, when treating large mature trees or plants, or in accordance with local State Agricultural Experiment Station or Extension Service recommendations.

USE CHART:

CROP & PEST	TIME OF APPLICATION	AMOUNT TO USE	REMARKS
APPLES San Jose Scale	Dormant: As winter buds swell, just before opening.	11 gals. per 100 gals. of water to make dilute spray.	USE ON DELICIOUS VARIETIES MAY RESULT IN INJURY.
San Jose Scale Oyster Shell Scale Blister Mite	Dormant: As winter buds swell, just before opening.	3 gals. plus 1 1/2 to 2 gals. superior type spray oil per 100 gals. of water to make dilute spray.	DO NOT USE ON SULFUR SUSCEPTIBLE VARIETIES AFTER THE PINK SPRAYS.
Scab and Powdery Mildew	Green tip stage.	Use 4-5 gals. or 2 gals. plus 4-5 lbs. of wettable sulfur or equivalent amount flowable sulfur to make 100 gals. dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
	Prepink, pink and calyx period, when 1/4 petals have fallen.	Use 2-2 1/2 gals. per 100 gals. of water to make dilute spray.	
BLACK-BERRIES Anthracnose	Dormant or delayed dormant (green bud).	Use 6-12 gals. per 100 gals. to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
	When fruiting canes are about 1 foot long and before blossoms open.	1/2 gal. per 100 gals. water to make dilute spray.	

CROP & PEST	TIME OF APPLICATION	AMOUNT TO USE	REMARKS
BLACK-BERRIES, HIMALAYA Red Berry Trouble (Blackberry Mite)	When leaf buds begin to open. Follow in early summer with wettable sulfur or summer oil sprays.	4 gals. diluted with water to make 100 gals. dilute spray.	
CHERRIES Sweet and Tart Coryneum Blight	Dormant or delayed dormant.	Use 6-10 gals. per 100 gals. of water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
Tart Brown Rot (Fruit Rot)	3-5 sprays at weekly intervals just before harvest.	1/2 gal. per 100 gals. of water to make dilute spray.	
CITRUS Red Spiders	Apply when spiders appear.	2 gals. diluted with water to make 100 gals. dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
Thrips	Apply as recommended by your State Agricultural Experiment Station.	2 gals. diluted with water to make 100 gals. dilute spray.	
GRAPES Powdery Mildew Mealy Bugs	Dormant only.	2-6 gals. to 100 gals. water to make dilute spray. Apply 200 gals. dilute spray per acre.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
NECTARINES Leaf Curl Brown Rot Blossom Blight	Early winter, late dormant.	6 gals. per 100 gals. water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
PEACHES Leaf Curl Brown Rot Blossom Blight	Early winter, late dormant.	6 gals. per 100 gals. of water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
Brown Rot Blossom Blight	Prebloom, early bloom and full bloom.	1 gal. per 64-128 gals. of water to make dilute spray.	
PEARS Bud Mite (Pacific Coastal States)	Apply in the fall after temperature cools but before first frost at time mites first penetrate under the bud scales.	5 gals. plus 2 gals. light medium summer oils.	DO NOT USE ON SULFUR SUSCEPTIBLE VARIETIES OF PEARS AFTER THE PINK SPRAYS.
Pear Leaf Blister Mite	Dormant - up through bud swell, just before opening.	5-7 gals. diluted with water to make 100 gals. dilute spray. May be combined with oils labeled for dormant use.	USE WITH CAUTION ON D'ANJOU PEARS IN THE PINK SPRAYS.

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CROP & PEST	TIME OF APPLICATION	AMOUNT TO USE	REMARKS
PEARS Cont'd. Scab	Cracked bud stage.	5 gals. diluted with water to make 100 gals. dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
	Cluster bud stage.	2-3 qts. to make 100 gals. dilute spray.	
San Jose Scale	Dormant as winter buds swell, just before opening.	11 gals. to 100 gals. water to make dilute spray.	
See Previous Page	Scab & Powdery Mildew	Prepink: Blossom bud clusters just exposed.	2 1/2 to 3 gals. to make 100 gals. water to make dilute spray.
	Pink or preblossom spray; just before blossoms open.	2 1/2 gals. to 100 gals. water to make dilute spray.	
PLUMS Leaf Curl	Dormant	10-12 gals. per 100 gals. water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
	Brown Rot (Fruit Rot)	20, 10 and 2 days before harvest.	
PRUNES Brown Rot (Fruit Rot)	3-5 weeks before harvest, and apply at weekly intervals until harvest.	2 qts. per 100 gals. water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
RASPBERRIES Anthracnose	When buds begin to break.	1 pt. per 1 gal. water to make dilute spray.	FOR CONCENTRATE GROUND SPRAYS, AERIAL SPRAYS OR DILUTE SPRAYS, APPLY IN SUFFICIENT VOLUME OF WATER TO PROVIDE GOOD COVERAGE WITH AVAILABLE EQUIPMENT. RATE FOR CONCENTRATE AND AERIAL SPRAYS SHOULD BE COMPARABLE TO THE RATE FOR DILUTE SPRAYS ON PER ACRE BASIS.
	When canes are 8-12" long.	1 pt. per 1 1/2 gals. water to make dilute spray.	

NOTICE OF WARRANTY

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.

FORMULATED FOR
PLATTE CHEMICAL CO.

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