

DEC 18 1996

Ms. Patty Landers  
Oregon-California Chemicals, Inc.  
29454 Meadowview Rd.  
Junction City, OR 97448

Dear Ms. Landers:

Subject: OR-CAL Rex Lime Sulfer Solution  
EPA Reg. No. 52251-33  
Your Submission of October 2, 1996

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

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

2. Make the following labeling changes:

- a. Revise the label to move the paragraph immediately below the Restricted Entry Interval in the Agricultural Use Requirements box to appear above the box and following the misuse statement and add "For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

- b. Clarify the restriction under blueberries by indicating the states intended by the general area "Pacific Northwest".

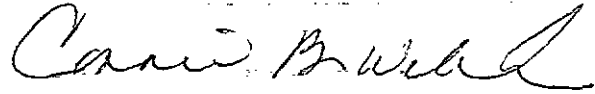
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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.

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

Sincerely yours,



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

Enclosure

7505C:C.Grable:cg:12/6/96

3048

FUNGICIDE FOR FRUITS, ALMONDS AND ALFALFA

# REX LIME

# SULFUR SOLUTION

# LOREAL

Oregon-California Chemicals, Inc.  
 29454 Meadowview Road  
 Junction City, Oregon 97448

EPA Registration No. 52251-33  
 EPA Establishment No. 52251-OR-005

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

### 28% Calcium Polysulfide

ACTIVE INGREDIENT: Calcium Polysulfide .....28%  
 INERT INGREDIENTS .....72%  
 TOTAL .....100%

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

See additional precautionary statements inside booklet.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED. SEE DIRECTIONS FOR USE IN BOOKLET.

**NET CONTENTS**     30 Gallons  
                            2 1/2 Gallons  
                            1 Gallon

9/96

ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated  
**DEC 18 1996**

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 52251-33

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**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 a victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

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

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

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

**Personal Protective Equipment (PPE)**

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
- 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/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS (AND 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.

**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.

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**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 contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

**PHYSICAL AND 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**Storage:** Store product in a secure locked place, inaccessible to children, pets and livestock. Store in a cool, dry place. Keep container closed when not in use.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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), 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 (WPS).

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

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.

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 over long-sleeved shirt and long pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

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**ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS ON THE LABEL ARE TO BE FOLLOWED.**

Faulty spray equipment, highly concentrated materials, or extremes of weather during or following spraying may lead to fruit or foliage injury. The risk of spray injury is greater when drought stress exists. The user is advised not to use Lime Sulfur on any crop unless local use has proved that Lime Sulfur does not damage crops in that locality.

Do not use Lime Sulfur on apricots. Do not use Oil with Lime Sulfur in summer applications. Do not apply when temperature exceeds 85 F. Do not apply Oil following Lime Sulfur, nor Lime Sulfur following Oil, in foliage period.

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

Where a rate range is given, use the higher rates when disease is severe or where disease was severe in the previous season.

● **ALMONDS**

**Powdery Mildew, Shothole.** Apply 8 gallons per 100 gallons of water. Apply every 2 weeks between November 15 and December 15. Dormant application only.

● **APPLES**

**Blotch.** Apply 1 gallon per 50 gallons of water. Apply in pre-bloom and petal fall stages and 10 days later. **Leaf Spot.** Apply 7 1/2 to 10 gallons per 100 gallons of water in delayed dormant stage or 1/2 gallon per 100 gallons of water in growing season. **Powdery Mildew.** Apply 2 1/2 gallons per 10 gallons of water. Apply in pre-pink, pink and calyx stages. **Scab.** Apply 1 1/2 to 2 gallons per 100 gallons of water in delayed dormant, pre-pink and pink stage. **Caution:** Use on Delicious apples may result in injury. No time limitation.

● **BLACKBERRIES**

**Anthraxnose, Powdery Mildew, Rust.** Apply 6 to 12 gallons per 100 gallons of water. Apply in dormant or delayed dormant (green bud) stage. Use 1/2 gallon per 100 gallons when fruiting canes are 8 to 12 inches long and before blossoms have opened. **Overwintering Fungus Spores, Cane Blight.** Apply 9 1/2 quarts per 100 gallons of water. Apply in dormant stage.

● **BLUEBERRIES**

(Registration and use limited to Pacific Northwest)

To aid control of **Mummy Berry** (caused by the fungus *Sclerotinia Urnula*), apply a post-harvest (September or October) or early dormant spray of 8 gallons Lime Sulfur per 100 gallons of water. Use 200 to 300 gallons of spray per acre, adding a spreader-sticker at 4 oz. per 100 gallons.

● **CHERRIES (Sweet)**

**Powdery Mildew.** Apply 7 1/2 gallons per 100 gallons of water. Apply in delayed dormant stage.

● **CHERRIES (Tart)**

**Brown Rot Blossom Blight, Leaf Spot, Scab.** Apply 1 1/2 gallons per 100 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. **Brown Rot (Fruit), Leaf Spot, Powdery Mildew.** Apply 1/2 gallon per 100 gallons of water. Apply 3 to 5 sprays at weekly intervals just before harvest.

● **CITRUS**

**Red Spiders** - 2 gallons. Apply when the spiders appear. **Thrips** - 2 gallons. Apply as recommended by your State Agricultural Experiment Stations.

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● CURRANTS, GOOSEBERRIES

**Anthraxnose.** Apply 2 1/2 gallons per 100 gallons of water. Apply at bud break stage, and 10 to 15 days later. Use 3 pints per 100 gallons of water at 10 day intervals after second spray, if necessary. **Powdery Mildew.** Apply 1 1/2 quarts per 100 gallons of water. Apply before and after bloom.

● FRUIT TREES (Bearing)

**Overwintering Fungus Spores.** Apply 3 1/2 gallons per 100 gallons of water. Apply in dormant stage.

● FRUIT TREES (Non-bearing)

**Blotch, Powdery Mildew, Scab.** Apply 2 1/2 quarts per 100 gallons of water. Apply at cluster bud and pre-bloom stages.

● GRAPES

**Anthraxnose, Powdery Mildew.** Apply 2 quarts per 100 gallons when new shoots are 4 to 6 inches long.

**(Dormant only): Powdery Mildew, Mealybugs** - 2 to 5 gallons to 100 gallons of water. Apply 200 gallons dilute spray per acre.

● NECTARINES

**Brown Rot, Leaf Spot, Shothole.** Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. **Leaf Curl.** Apply 6 gallons per 100 gallons of water. Apply in early winter and late dormant period. **Powdery Mildew.** Apply 2 to 3 quarts per 100 gallons of water. Apply when disease appears.

● PEACHES

**Brown Rot, Leaf Spot.** Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. **Brown Rot Blossom Blight.** Apply 1 pint per 8 to 16 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. **Leaf Curl, Scab, Shothole.** Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant season. **Powdery Mildew.** Apply 7 1/2 quarts per 100 gallons of water at green tip stage. Use 1 1/2 quarts per 100 gallons of water on summer foliage.

● PEARS

**Pear Psylla, Rust Mite and Blister Mite** - 4 gallons per 100 gallons of water plus 3/4 gallon light medium summer oil. Apply as a post-harvest spray. **Bud Mite (Pacific Coast States)** - 5 gallons plus 2 gallons light medium summer oil. Apply in the fall after temperature cools but before the first frost at the time mites first penetrate under the bud scales. **Pear Leaf Blister Mite** - 5 to 7 gallons. Apply in dormant season up to time buds swell. May be combined with oils labeled for dormant use. **Scab** - 5 gallons. Apply in Cracked Bud Stage and 2 to 3 quarts in Cluster Bud Stage. Concentrate sprayers follow recommendations of State Agriculture Experiment Station.

● PLUMS

**Blotch, Powdery Mildew.** Apply 2 quarts per 100 gallons of water. Begin 3 to 5 weeks before harvest. Repeat weekly until picking. **Black Knot.** Apply 1/2 pint per 1 gallon of water. Apply in green tip stage. **Brown Rot (Fruit Rot).** Apply 1 pint per 16 gallons of water. Apply 20, 10 and 2 days before harvest. **Leaf Curl.** Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant stage.

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● PRUNES

Black Knot. Apply 1/2 pint per 1 gallon of water. Apply in green tip stage. Brown Rot (Fruit Rot), Leaf Spot, Powdery Mildew. Apply 2 quarts per 100 gallons of water and begin 3 to 5 weeks before harvest. Apply at weekly intervals until picking.

● QUINCE

Scab. Apply 1 gallon per 100 gallons of water. Apply at 10 day intervals during primary infestation period.

● RASPBERRIES

Anthracoze, Powdery Mildew. Apply 1 pint per 1 1/2 gallons of water. Spray once when new canes are 8 to 12 inches long. Cane Blight. Apply 1 pint per 12 gallons of water. Apply at spring bud swell. Repeat in late fall dormant period. Spur Blight. Apply 10 to 12 gallons per 100 gallons of water. Apply in delayed dormant stage when buds begin to break and show silver.

● ALFALFA, RED CLOVER

Powdery Mildew. Apply 1 gallon per 50 to 100 gallons of water per acre. Apply at early bud stage or at first sign of disease.

**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 Oregon-California Chemicals, Inc. or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Oregon-California Chemicals, Inc. 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 Oregon-California Chemicals, Inc. Oregon-California Chemicals, Inc. 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. The exclusive remedy against Oregon-California Chemicals, Inc. for any cause of action relating to the handling or use of this product is a claim of damage and in no event shall damages or any other recovery of any kind against Oregon-California Chemicals, Inc. exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Oregon-California Chemicals, Inc. shall not be liable and any and all claims against Oregon-California Chemicals, Inc. are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits, or income, whether or not based on Oregon-California Chemicals, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. Oregon-California Chemicals, Inc. 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.