



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

JAN 14 1994

Dennis Morgan
OREGON-CALIFORNIA CHEMICALS, INC.
29454 Meadowview Rd
P.O. Box 361
Junction City, OR 97440

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/25/93 in Response to PR Notice 93-7
EPA Reg. No. 52251-33
VALLEY SPRAY REX LIME SULPHUR SOLUTION

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.



Recycled/Recyclable
Printed with Soy-based ink on paper that
contains at least 50% recycled fiber

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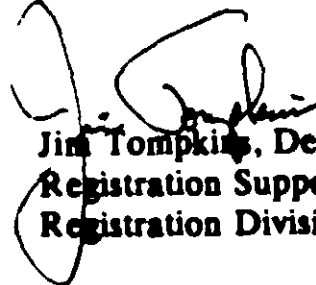
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Dennis Morgan
OREGON-CALIFORNIA CHEMICALS, INC.
29454 MEADOWVIEW RD BOX 361
JUNCTION CITY OR 97440

Subject: Label Amendment Submission of 06/25/93
in Compliance with PR Notice 93-7
EPA Reg Nr. 52251-33
VALLEY SPRAY REX LIME SULPHUR SOLUTION

Dear Registrant:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is not acceptable for the reasons stated below.

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

Replace chemical-resistant gloves with waterproof gloves unless there is a solvent. In that case, the chemical-resistant category must be identified in the following statement: "Some materials that are chemical resistant to the product are listed below. If you want more options follow the instructions for category [B,C,D,E,F,G,H] on an EPA chemical resistant category chart." Place this statement above the PPE requirements.

The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

You have not transcribed the first paragraph in the Agricultural Use Requirements section exactly as prescribed in the Main Labeling Guidance.

There is a typographical error(s) in the Spanish language text.

with COMMENTS
in EPA Letter Dated

JAN 14 1994

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

52251-33

OR-CAL

REX LIME SULFUR SOLUTION

ACTIVE INGREDIENT:	
Calcium Polysulfide	28%
INERT INGREDIENTS	72%
Total	100%

KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO**



POISON

^{LAC}
Si usted 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: Call a physician or Poison Control Center immediately. Promptly drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to any unconscious person.

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 EYE: 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.

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

Establishment No. 52251-OR-005

EPA Registration No. 52251-33

NET CONTENTS - GALLONS

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS AND DOMESTIC

DANGER

Fatal if swallowed, inhaled or absorbed through skin. This product is of its caustic alkaline nature and it causes irreversible eye damage and 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
- Chemical-resistant gloves, such as Barrier Laminate or Nitrile Neoprene Rubber ≥14 mils or Viton ≥14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or
- Dust/mist filtering respirator (MSHA/NIOSH approval number)

Discard clothing and other absorbent materials that have been decontaminated with this product's concentrate. Do not reuse them. Follow instructions for cleaning/maintaining PPE. If no such instructions for washables, wash them. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or
- Remove clothing immediately if pesticide gets in skin. Then wash clothing.

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Remove PFB 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

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.

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 residue 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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). 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 workers 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.

PFB required for 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
- Chemical-resistant gloves, such as Barrier Laminare or Nitrile Rubber 2 1/4 mils or Neoprene Rubber 2 1/4 mils or Viton 2 1/4 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Heavily spray equipment, highly concentrated materials, or extremes of weather during or following spraying may lead to frost 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 sprouts. Do not use Oil with Lime Sulfur in summer applications. Do not apply when temperature exceed 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, Black-bark.* Apply 8 gallons per 100 gallons of water. Apply every 2 weeks between November 15 and December 15. Dormant application only.

Apples: *Black.* Apply 1 gallon per 50 gallons of water. Apply in pre-bloom and petal fall stages and 10 days later. *Leaf Spot.* Apply 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 100 gallons of water. Apply in pre-pink, pink and early stages. *Scab.* Apply 1 1/2 to 2 gallons per 100 gallons of water in delayed dormant, pre-pink, and pink stage. *Cotton:* Use as Directions applies may result in injury. No time limitation.

Blackberries, Antennaria, Powdery Mildew, Rust. Apply 6 to 12 gallons per 100 gallons of water. Apply in dormant or delayed dormant (grass bud) stage. Use 1/2 gallon per 100 gallons when fruiting stage are 8 to 12 inches long and before thorns have opened. Overwintering

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Fungus Spores, Cane Blight: Apply 9 1/2 quarts per 100 gallons of water. Apply in dormant stage.

Milbeberries (registration and use limited to Pacific Northwest), to aid control of Mummy berry (caused by the fungus *SCLEROTINIA URINULA*), 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 or 5 per 100 gallons.

Charrotia (Sawed): Fungus Mixture. Apply 7 1/2 gallons per 100 gallons of water. Apply in delayed dormant stage.

Charrotia (Tree): Brown Red Blotches Blight, Leaf Spot, Scale. Apply 1 1/2 gallons per 100 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. Brown Red (Tree), Leaf Spot, Fungus Mixture. Apply 1/2 gallon per 100 gallons of water. Apply 3 to 5 sprays at weekly intervals just before harvest.

Chirax: Bad Spiders - 2 gallons. Apply when the spiders appear. Turps - 2 gallons. Apply as recommended by your State Agricultural Experiment Station.

Chirax: **Sananethria:** **Audreanaea:** 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. Fungus Mixture. Apply 1 1/2 quarts per 100 gallons of water. Apply before and after bloom.

Bruit Trees (Bearing): Overwintering Fungus Spores. Apply 3 1/2 gallons per 100 gallons of water. Apply in dormant stage.

Bruit Trees (Non-bearing): Blotch, Fungus Mixture, Scale. Apply 2 1/2 quarts per 100 gallons of water. Apply at dormant bud and pre-bloom stages.

Chirax: **Audreanaea:** Fungus Mixture. Apply 2 quarts per 100 gallons when new shoots are 4 to 6 inches long. (Dormant only): Fungus Mixture, Meechings - 2 to 5 gallons to 100 gallons of water. Apply 200 gallons three spray per acre.

Nectarines: Brown Red, Leaf Spot, Shot-hole. Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. Brown Red Blotches Blight. Apply 1 pint per 8 to 16 gallons of water. Apply in early winter and late dormant period. Fungus Mixture. Apply 2 to 3 quarts per 100 gallons of water. Apply when disease appears.

Planchet: Brown Red, Leaf Spot. Apply 2 quarts per 100 gallons of water. Apply 3 to 5 times at weekly intervals before harvest. Brown Red Blotches Blight. Apply 1 pint per 8 to 16 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. Leaf Curl, Scale, Shot-hole. Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant season. Fungus Mixture. Apply 7 1/2 gallons per 100 gallons of water at green tip stage. Use 1 1/2 quarts per 100 gallons of water on summer foliage.

Planchet: Pear psylla, rust mite and white 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 temperatures cool but before the first frost at the time when fruit penetrate under the bud scales. Pear Leaf Mite - 5 to 7 gallons. Apply in dormant season up to three buds swell. May be combined with oils labeled for dormant use. Scale - 5 gallons. Apply in cracked Bud Stage and 2 to 3 quarts in Charter Bud Stage. Concentrate sprays follow recommendations of State Agriculture Experiment Station.

Planchet: Blotch, Fungus Mixture. 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 Red (Tree Red). 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.

Planchet: Black Knot. Apply 1/2 pint per 1 gallon of water. Apply in green tip stage. Brown Red (Tree Red), Leaf Spot, Fungus Mixture. Apply 2 quarts per 100 gallons of water and begin 3 to 5 weeks before harvest. Apply at weekly intervals until picking.

Planchet: Scale. Apply 1 gallon per 100 gallons of water. Apply at 10 day intervals during primary induction period.

Planchet: **Audreanaea:** Fungus Mixture. 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. Fungus Mixture. Apply 10 to 12 gallons per 100 gallons of water. Apply in delayed dormant stage when buds begin to break and show silver.

Albino: Red Chloric Fungus Mixture. 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 poor 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 purposes 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 remedy of any kind against Oregon-California Chemicals, Inc. exceed the price of the

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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.

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