

Mr. Dennis Morgan
Oregon-California Chemicals, Inc.
29454 Meadowview Rd.
Junction City, OR 97448

MAY 03 1993

Dear Mr. Morgan:

Subject: Amended Labeling
OR-CAL Rex Lime Sulfur
EPA Registration No. 52251-33
Your Submission Dated December 15, 1992

543324 300
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The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following comments:

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER on August 21, 1992 (57 FR 38102). Further guidance will be issued. According to 40 CFR 156, subpart K, specifically §156.200(c)(3): "No product to which this subpart applies shall be distributed or sold without amended labeling by any registrant after April 21, 1994."

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

Sincerely yours,

Clarence O. Lewis, III
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

H7505C:J.Fairfax:52251-33:5/3/93

CONCURRENCES							
SYMBOL	H7505C	H7505C					
SURNAME	J. Fairfax	C. Lewis					
DATE	5/3/93	5/3/93					

OR-CAL
REX LIME SULFUR
SOLUTION

ACTIVE INGREDIENT:
 Calcium Polysulfide 25%
 INERT INGREDIENTS 75%
 Total 100%

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

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

Note to Physicians: 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 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. Wear coveralls over long-sleeved shirt and long pants, socks, chemical resistant footwear and waterproof gloves. Use a respirator with MSHA/NIOSH approval prefix # TC-21C for dust/mist filtering and use protective eye wear such as goggles or face shield. Wear chemical resistant headgear to protect from overhead exposure and wear a chemical resistant apron when mixing or loading this pesticide. Wash thoroughly with soap and water after handling and before eating, drinking and using tobacco. Remove contaminated clothing and wash before reuse.

If farm workers are unable to read, they must be given oral warnings and it must be assured that they understand label precautions and first-aid treatments. Warnings must be given in an appropriate language if workers do not understand English. Oral warnings should be given to inform workers of areas or fields which should not be entered without protective clothing, the amount of time the area or field should be vacated and first-aid actions to take in case of accidental exposure.

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.

ACC. 2222
 with COMMENTS
 In EPA Letter Dated:

MAY 03 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under EPA Reg. No.

52251-33

STORAGE

Do not contaminate water, food, meat. Open dumping is prohibited.

STORAGE: Store product in a cool, dry place. Do not store in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide should not be disposed of in a landfill. Pesticide should be disposed of in a landfill. Pesticide should be disposed of in a landfill.

CONTAINER DISPOSAL: Triple-rinse container, then puncture and dispose of in a landfill.

DIRECTIONS

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

RE-ENTRY

Do not apply this product in such a manner as to expose workers or other persons. The area should be restricted until the pesticide has dried. Certain states may require additional information.

Written or oral warnings must be given to workers or other persons who enter treated areas or who are in areas about which oral warnings which inform workers of specific protective clothing and appropriate actions to take in case of exposure. Warnings shall be given in a language understood by workers. Written or oral warnings must be given if the area is treated with this pesticide. Do not enter treated areas without proper protective clothing.

Required Protective Clothing includes coveralls, chemical resistant footwear, socks, chemical resistant gloves, and eye wear such as goggles or face shield. Do not enter treated areas without proper protective clothing.

BEST AVAILABLE

Fauly spray equipment, lightly 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 when disease was severe in the previous season.

Almonds: Powdery Mildew, Shot-hole. 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 100 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: Anthracnose, 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, Cause Blight. Apply 9 1/2 quarts per 100 gallons of water. Apply in dormant stage.

Blackberries (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.

Currants, Gooseberries: Anthracnose. 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): Blight, Powdery Mildew, Scab. Apply 2 1/2 quarts per 100 gallons of water. Apply at cluster bud and pre-bloom stages.

Grapes: Anthracnose, Powdery Mildew. Apply 2 quarts per 100 gallons when new shoots are 4 to 6 inches long. (Dormant only): Powdery Mildew, Black Rot - 2 to 5 gallons to 100 gallons of water. Apply 200 gallons dilute spray per acre.

Nectarines: Brown Rot, Leaf Spot, Shot-hole. 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, Shot-hole. Apply 10 to 12 gallons per 100 gallons of water. Apply in dormant season. Powdery Mildew. 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.

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 Agricultural Experiment Stations.

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.

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: Anthracnose, Powdery Mildew. Apply 1 pint per 1 1/2 gallons of water. Spray once when new canes are 8 to 12 inches long. Can 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.

Strawberries: 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 is 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 limitations of warranty, liability and remedies.

BEST AVAILABLE COPY