

71096-6

1/12/2009

1/16



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Ms. Ruth Ann Harman  
Product Registration  
OR-CAL, Inc.  
29454 Meadowview Rd.  
Junction City, OR 97448

JAN 12 2009

SUBJECT: Application for Pesticide Notification (PRN 2008-1)  
Request Environmental Hazard Statement  
EPA Reg. No. 71096-6  
Application Dated July 10, 2008

Dear Ms. Harman:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 2008-1 dated 07/10/08 for the above product. The Registration Division (RD) has conducted a preliminary screen of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

Please override  
this label.  
Thank you



3/16

Master Label

# REX LIME SULFUR SOLUTION

Fungicide-Insecticide-Miticide for Fruits, Nuts, Ornamentals, Roses

**OR-CAL, INC.**  
29454 MEADOWVIEW RD.  
JUNCTION CITY, OR. 97448  
EPA REGISTRATION NO. 71096-6  
EPA ESTABLISHMENT NO. 52251-OR-005

**NOTIFICATION**

JAN 12 2009

**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 the label, find someone to explain it to you in detail.)

SEE ADDITIONAL PRECAUTIONARY STATEMENTS INSIDE BOOKLET.

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

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

### FIRST AID

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin Or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Center at: 1-800-858-7378 for emergency medical treatment information.

#### Note to Physician

Probable mucosal damage may contraindicate gastric lavage.

**NET CONTENTS 1 GALLON, 2.5 GALLON, 5 GALLON, 30 GALLON, 250 GAL**

**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, spray mist, or get in eyes, or get on skin or clothing.

**Personal protective equipment (PPE)**

- Applicators and other handlers must wear:
- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- 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)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for Category A or an EPA chemical resistance category selection chart.

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.

**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**

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.

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 green houses 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) or 48 hours.

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
- Chemical resistant gloves made of any waterproof material
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter treated areas without protective clothing until sprays have dried.

**STORAGE AND DISPOSAL**

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

**Pesticide 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.

**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 highest 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 ½ to 10 gallons per 100 gallons of water in delayed dormant stage or ½ gallon per 100 gallons of water in growing season. **Powdery Mildew;** Apply 2 ½ gallons per 100 gallons of water. Apply in pre-pink, pink and calyx stages. **Scab;** Apply 1 ½ to 2 gallons per 100 gallons of water in delayed dormant, pre-pink and pink stage. Precaution: 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 (green bud) stage. Use ½ gallon per 100 gallons water when fruiting canes are 8 to 12 inches long and before blossoms have opened. **Overwintering Fungus Spores, Cane Blight;** Apply 9 ½ quarts per 100 gallons of water. Apply in dormant stage.

• **BLUEBERRIES**

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 per 100 gallons of water. Use 200 to 300 gallons of spray per acre, adding a spreader-sticker at 4 fl. Oz. per 100 gallons.

• **CHERRIES (SWEET)**

**Powdery Mildew;** Apply 7 ½ gallons per 100 gallons of water. Apply in delayed dormant stage.

• **CHERRIES (TART)**

**Brown Rot Blossom Blight, Leaf Spot, Scab;** Apply 1 ½ gallons per 100 gallons of water. Apply in pre-bloom, early bloom and full bloom stages. **Brown Rot (Fruit). Leaf Spot, Powdery Mildew;** Apply ½ gallon per 100 gallons of water. Apply 3 to 5 sprays at weekly intervals just before harvest.

• **CITRUS**

**Red Spider Mites;** Apply 2 gallons per 100 gallons of water. Apply when the mites appear. **Thrips;** Apply 2 gallons per 100 gallons of water.

• **CURRANTS, GOOSEBERRIES**

**Anthracnose;** Apply 2 ½ gallons per 100 gallon of water. Apply at bud break stage, and 10 to 15 days later. Use 3 quarts per 100 gallon of water at 10 day intervals after second spray if necessary. **Powdery Mildew;** Apply 1 ½ quarts per 100 gallons of water. Apply before and after bloom.

• **FRUIT TREES (BEARING)**

**Overwintering Fungus Spores;** Apply 3 ½ gallons per 100 gallons of water. Apply in dormant stage.

• **FRUIT TREES (NON-BEARING)**

**Blotch, Powdery Mildew, Scab;** Apply 2 ½ quarts per 100 gallons of water. Apply at cluster bud and pre-bloom stages.

• **GRAPES**

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

• **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 gallon 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 ½ gallons per 100 gallons of water at green tip stage. Use 1 ½ quarts per 100 gallons of water on summer foliage.

• **PEARS**

**Pear Psylla, Rust Mite, Blister Mite;** Apply 4 gallons per 100 gallons of water plus ¾ gallon light medium summer oil. Apply as a post-harvest spray. **Bud Mite** (Pacific Coast States); Apply 5 gallons plus 2 gallons light medium summer oil per 100 gallons of water. 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;** Apply 5 to 7 gallons per 100 gallons of water. Apply in dormant season up to time buds swell. May be combined with oils labeled for dormant use. **Scab;** Apply 5 gallons per 100 gallons of water. Apply in Cracked Bud Stage and 2 to 3 quarts per 100 gallons of water in Cluster Bud Stage. Keep agitated during spraying.

• **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 ½ 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 10-12 gallons per 100 gallons of water. Apply in dormant stage.

• **PRUNES**

**Black Knot;** Apply ½ 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.

• **RASPBERRIES**

**Anthraxnose, Powdery Mildew;** Apply 1 pint per 1 ½ 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.



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• **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.

• **SHADE TREES, SHRUBS**

For control of **San Jose Scale, Nectria Canker, Maple Gall, Leaf Blotch, Olive Scale,** and as an aid in the control of **Powdery Mildew, Anthracnose;** Apply 4 gallons plus 3/4 quart light medium summer oil per 100 gallons of water once in early spring before buds swell. Do not apply to Evergreens, Euonymus or Rhododendrons or allow spray to drift on these susceptible species. Full season control of Powdery Mildew and Anthracnose will require additional application of fungicide. Keep agitated during spraying.

**EARLY SPRING SPRAYING (AS GROWTH STARTS)**

• **ROSES**

**Rose and San Jose Scale, Case Bearer, Powdery Mildew;** Apply 3 gallons per 100 gallons of water. Apply in spring before buds swell and again in fall after leaves drop.

**SUMMER FOLIAGE SPRAYING**

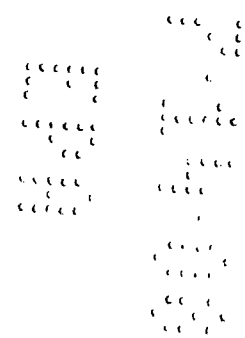
• **ROSES**

**Black Spot, Powdery Mildew, Rust, Red Spider Mites;** Apply 1/2 gallon per 100 gallons of water. Apply at 10 to 15 day intervals in growing season.

**COMBINATION WINTER SPRAY**

• **FRUIT TREES, ROSES AND DECIDUOUS HEDGE PLANTS, SHADE TREES AND SHRUBS (DORMANT AND DECIDUOUS ONLY)**

**San Jose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, Overwintering Insect Eggs, Many Overwintering Fungus Spores, Or Plant Disease;** Apply 3 gallons plus 1 gallon dormant spray oil per 100 gallons of water. Keep agitated during spraying.



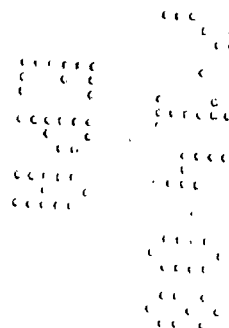
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**CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

The directions on this label are believed to be reliable and must 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 all of which are beyond the control of OR-CAL, Inc. or seller. In addition, failure to follow the label directions may cause injury to crops, animals, man or the environment. OR-CAL, 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 OR-CAL, Inc. OR-CAL, 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. To the extent allowed by State law, the exclusive remedy against OR-CAL, 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 OR-CAL, Inc. exceed the price of the product, which causes the alleged loss, damage, injury or other claim. To the extent allowed by state law, OR-CAL, Inc. shall not be liable for losses or damages resulting from special, indirect, incidental, or consequential damages or expenses, or any nature, including, but not limited to, loss of profits, or income, whether or not based on OR-CAL, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. OR-CAL, 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.

**NOTIFICATION**

JAN 12 2009



11/16

Non-Ag.

# REX LIME SULFUR SOLUTION

Fungicide-Insecticide-Miticide for Fruits, Nuts, Ornamentals, Roses

**OR-CAL, INC.**  
29454 MEADOWVIEW RD.  
JUNCTION CITY, OR. 97448  
EPA REGISTRATION NO. 71096-6  
EPA ESTABLISHMENT NO. 52251-OR-005

## NOTIFICATION

JAN 12 2009

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

SEE ADDITIONAL PRECAUTIONARY STATEMENTS INSIDE BOOKLET.

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

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

### FIRST AID

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin Or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Center at: 1-800-858-7378 for emergency medical treatment information.

#### Note to Physician

Probable mucosal damage may contraindicate gastric lavage.

**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, spray mist, or get in eyes, or get on skin or clothing. Wear long-sleeved shirt and long pants, socks, chemical-resistant footwear, chemical resistant gloves made of any waterproof material, safety glasses or goggles and hat. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARDS**

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treated area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**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.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or golf courses or lawns and grounds.

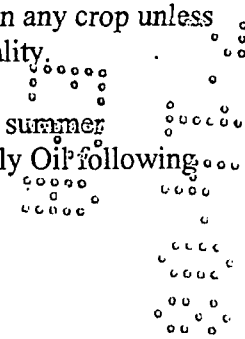
Do not enter treated area until sprays have dried.

**ALL APPLICABLE DIRECTONS, 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.



**STORAGE AND DISPOSAL**

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

**Pesticide 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: If empty:** Do not reuse this container. Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down an indoor or outdoor drain.

**USE DIRECTIONS**

Spray to cover foliage until wet. Spray with the wind to your back. If spray contacts concrete or white, painted surfaces, discoloration of this surface may occur.

• **ALMONDS**

**Powdery Mildew, Shothole;** Apply 10 ½ fl. Oz. per gallon of water. Apply every 2 weeks between November 15 and December 15. Dormant application only.

• **APPLES**

**Blotch;** Apply 2 ½ fl. Oz. per gallon of water. Apply in pre-bloom and petal fall stages and 10 days later. **Leaf Spot;** Apply 9 ½ to 13 fl. Oz. per gallon of water in delayed dormant stage or 4 teaspoons per gallon of water in growing season. **Powdery Mildew;** Apply 3.2 fl. Oz. per gallon of water. Apply in pre-pink, pink and calyx stages. **Scab;** Apply 2 to 2 ½ fl. Oz. per gallon of water in delayed dormant, pre-pink and pink stage. **Precaution:** Use on Delicious apples may result in injury. No time limitation.

• **BLACKBERRIES**

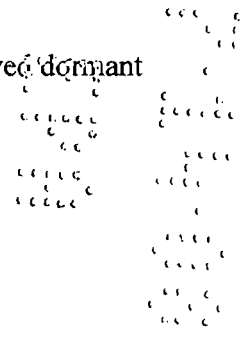
**Anthracnose, Powdery Mildew, Rust;** Apply 7 ½ to 15 fl. Oz. per gallon of water. Apply in dormant (green bud) stage. Use 4 teaspoons per gallon water when fruiting canes are 8 to 12 inches long and before blossoms have opened. **Overwintering Fungus Spores, Cane Blight;** Apply 3 fl. Oz. per gallon of water. Apply in dormant stage.

• **BLUEBERRIES**

To aid control of **Mummy Berry** (caused by the fungus *Sclerotinia Urnula*), apply a post-harvest (September or October) or early dormant spray of 10 ¼ fl. Oz. per gallon of water.

• **CHERRIES (SWEET)**

**Powdery Mildew;** Apply 9 ½ fl. Oz. per gallon of water. Apply in delayed dormant stage.



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- **CHERRIES (TART)**

**Brown Rot Blossom Blight, Leaf Spot, Scab;** Apply 2 fl. Oz. per gallon of water. Apply in pre-bloom, early bloom and full bloom stages. **Brown Rot (Fruit), Leaf Spot, Powdery Mildew;** Apply 4 teaspoons per gallon of water. Apply 3 to 5 sprays at weekly intervals just before harvest.

- **CITRUS**

**Red Spider Mites;** Apply 2 ½ fl. Oz. per gallon of water. Apply when the mites appear. **Thrips;** Apply 2 ½ fl. Oz. per gallon of water.

- **CURRENTS, GOOSEBERRIES**

**Anthraxnose;** Apply 3 ¼ fl. Oz. per gallon of water. Apply at bud break stage, and 10 to 15 days later. Use ½ fl. Oz. per gallon of water at 10 day intervals after second spray if necessary. **Powdery Mildew;** Apply ½ fl. Oz. per gallon of water. Apply before and after bloom.

- **FRUIT TREES (BEARING)**

**Overwintering Fungus Spores;** Apply 4 ½ fl. Oz. per gallon of water. Apply in dormant stage.

- **FRUIT TREES (NON-BEARING)**

**Blotch, Powdery Mildew, Scab;** Apply 5 teaspoons per gallon of water. Apply at cluster bud and pre-bloom stages.

- **GRAPES**

**Anthraxnose, Powdery Mildew;** Apply 4 teaspoons per gallon of water. Apply when new shoots are 4 to 6 inches long.

**(Dormant only): Powdery Mildew, Mealybugs;** Apply 2 ½ to 6 ½ fl. Oz. per gallon of water.

- **NECTARINES**

**Brown Rot, Leaf Spot, Shothole;** Apply 4 teaspoons per gallon of water. Apply 3 to 5 times at weekly intervals before harvest. **Leaf Curl;** Apply 7 ¾ fl. Oz. per gallon of water. Apply in early winter and late dormant period. **Powdery Mildew;** Apply 4 to 6 teaspoons per gallon of water. Apply when disease appears.

- **PEACHES**

**Brown Rot, Leaf Spot;** Apply 4 teaspoons per gallon of water. Apply 3 to 5 times at weekly intervals before harvest. **Brown Rot Blossom Blight;** Apply 1 to 2 fl. Oz. per gallon of water. Apply in pre-bloom, early bloom and full bloom stages. **Leaf Curl, Scab, Shothole;** Apply 12 ½ to 15 fl. Oz. per gallon of water. Apply in dormant season. **Powdery Mildew;** Apply 9 ½ fl. Oz. per gallon of water at green tip stage. Use ½ fl. Oz. per gallon of water on summer foliage.

• PEARS

**Pear Psylla, Rust Mite, Blister Mite;** Apply 5 fl. Oz. per gallon of water plus 1 fl. Oz. light medium summer oil. Apply as a post-harvest spray. **Bud Mite** (Pacific Coast States); Apply 6 ½ fl. Oz. plus 2 ½ fl. Oz. light medium summer oil per gallon of water. 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;** Apply 6 ½ to 9 ½ fl. Oz. per gallon of water. Apply in dormant season up to time buds swell. May be combined with oils labeled for dormant use. **Scab;** Apply 6 ½ fl. Oz. per gallon of water. Apply at Cracked Bud Stage and 4 to 6 teaspoons per gallon of water at Cluster Bud Stage.

• PLUMS

**Blotch, Powdery Mildew;** Apply 4 teaspoons per gallon of water. Begin 3 to 5 weeks before harvest. Repeat weekly until picking. **Black Knot;** Apply 8 fl. Oz. per gallon of water. Apply in green tip stage. **Brown Rot (Fruit Rot);** Apply 1 fl. Oz. per gallon of water. Apply 20, 10 and 2 days before harvest. **Leaf Curl;** Apply 12 ½ to 15 fl. Oz. per gallon of water. Apply in dormant stage.

• PRUNES

**Black Knot;** Apply 8 fl. Oz. per gallon of water. Apply in green tip stage. **Brown Rot (Fruit Rot), Leaf Spot, Powdery Mildew;** Apply 4 teaspoons per gallon of water and begin 3 to 5 weeks before harvest. Apply at weekly intervals until picking.

• RASPBERRIES

**Anthraxnose, Powdery Mildew;** Apply 10 ½ fl. Oz. per gallon of water. Spray once when new canes are 8 to 12 inches long. **Cane Blight;** Apply 1 ¼ fl. Oz. per gallon of water. Apply at spring bud swell. Repeat in late fall dormant period. **Spur Blight;** Apply 12 ½ to 15 fl. Oz. per gallon of water. Apply in delayed dormant stage when buds begin to break and show silver.

• SHADE TREES, SHRUBS

For control of **San Jose Scale, Nectria Canker, Maple Gall, Leaf Blotch, Olive Scale,** and as an aid in the control of **Powdery Mildew, Anthracnose;** Apply 5 fl. Oz. plus 1 fl. Oz. light medium summer oil per gallon of water once in early spring before buds swell. Do not apply to Evergreens, Euonymus or Rhododendrons or allow spray to drift on these susceptible species. Full season control of Powdery Mildew and Anthracnose will require additional application of fungicide. Keep agitated during spraying.

EARLY SPRING SPRAYING (AS GROWTH STARTS)

• ROSES

**Rose and San Jose Scale, Case Bearer, Powdery Mildew;** Apply 4 fl. Oz. per gallon of water. Apply in spring before buds swell and again in fall after leaves drop.



**SUMMER FOLIAGE SPRAYING**

• **ROSES**

**Black Spot, Powdery Mildew, Rust, Red Spider Mites;** Apply ½ fl. Oz. per gallon of water. Apply at 10 to 15 day intervals in growing season.

**COMBINATION WINTER SPRAY**

• **FRUIT TREES, ROSES AND DECIDUOUS HEDGE PLANTS, SHADE TREES AND SHRUBS (DORMANT AND DECIDUOUS ONLY)**

**San Jose Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, Overwintering Insect Eggs, Many Overwintering Fungus Spores, Or Plant Disease;** Apply 4 fl. Oz. plus 1 ¼ fl. Oz. dormant spray oil per gallon of water. Apply one dose as winter buds swell before opening. Keep agitated during spraying.

**TABLE OF EQUIVALENTS FOR NON-AG. ONLY**

**VOLUME**

1 – Fluid Oz. = 2 Tablespoons = 6 Teaspoons

1 – Gallon = 4 Quarts = 8 Pints

**NOTIFICATION**

**JAN 12 2009**

**CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

The directions on this label are believed to be reliable and must 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 all of which are beyond the control of OR-CAL, Inc. or seller. In addition, failure to follow the label directions may cause injury to crops, animals, man or the environment. OR-CAL, 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 OR-CAL, Inc. OR-CAL, 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. To the extent allowed by State law the exclusive remedy against OR-CAL, 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 OR-CAL, Inc. exceed the price of the product, which causes the alleged loss, damage, injury or other claim. To the extent allowed by State law, OR-CAL, Inc. shall not be liable for losses or damages resulting from special, indirect, incidental, or consequential damages or expenses, or any nature, including, but not limited to, loss of profits, or income, whether or not based on OR-CAL, Inc. negligence, breach of warranty, strict liability in tort or any other cause of action. OR-CAL, 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.