

4-402

08/29/2005

1/9

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

1. Company/Product Number 4-402	2. EPA Product Manager Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bonide Lime Sulfur Spray	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Bonide Products, Inc. 6301 Sutliff Road Oriskany, NY 13424 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NOTIFICATION</u> Product Name <u>AUG 29 2005</u>	

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of Optional Marketing Statements: CONTROLS listed insects such as: Scale, Mites and Borers. Controls listed Diseases such as: Peach Leaf Curl, Maple Gall, Leaf Blotch, Powdery Mildew, Anthracnose, Rust and Black Spot. FOR USE ON...listed Fruit Trees, Shade Trees, Shrubs, Roses and Berries. Store and transport in an upright position. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the CSF of this product. Creative Sales, Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willingly make any false statements to EPA and further understands that if this notification is not consistent with the terms of PR Notice 98-10 and CFR 152.46, this product may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	Other (Specify) _____	
		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kate Entwistle	Title Registration Specialist	Telephone No. (Include Area Code) 315-737-9101
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature <i>Kate Entwistle</i>	3. Title Registration Specialist	
4. Typed Name Kate Entwistle	5. Date 7-29-05	

2/9

NOTIFICATION  
AUG 29 2005



### Bonide Lime Sulfur Spray

Insecticide and Fungicide for Fruit Trees, Shade Trees, Shrubs, Roses, and Berries

**CONTROLS listed insects such as: Scale, Mites and Borers. Controls listed Diseases such as: Peach Leaf Curl, Maple Gall, Leaf Blotch, Powdery Mildew, Anthracnose, Rust and Black Spot. FOR USE ON...listed Fruit Trees, Shade Trees, Shrubs, Roses and Berries.**  
**Store and transport in an upright position.**

Manufactured by:  
Bonide Products, Inc.  
6301 Sutliff Road  
Oriskany, NY 13424

EPA Est. No. 4-NY-1

EPA Reg. No 4-402

For information on this pesticide product (including health concerns, medical emergencies, or pesticide ingredients), call The National Pesticide Telecommunications Network at 1-800-858-7378.

**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..... 28.0%  
INERT INGREDIENTS: ..... 72.0%  
TOTAL: ..... 100.0%

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

### NET CONTENTS

## FIRST AID

- If swallowed** -Call a poison control center or doctor immediately for treatment advice.  
 -Have person sip a glass of water, if able to swallow.  
 -Do not induce vomiting, unless told to do so by the poison control center or doctor.  
 -Do not give anything by mouth to an unconscious person.
- If in eyes** -Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
 -Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- If inhaled** -Move person to fresh air.  
 -If person is not breathing, call 911 for an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.  
 -Call a poison control center or doctor for further treatment advice.
- If on skin or clothing** -Take off contaminated clothing.  
 -Rinse skin immediately with plenty of water for 15-20 minutes.  
 -Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage

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

## 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, on skin, or on clothing. Wear long-sleeved shirt, 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

Do not apply directly to water. Do not contaminate water when disposing of equipment washers. 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.

Not for use on any agricultural commodity or turf being grown for sale or for other commercial use, or for seed production, or for research purposes. For homeowner use only. 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 dreid.

### STORAGE AND DISPOSAL

**Pesticide Storage:** Store in a cool, dry area inaccessible to children or pets. Store and transport in an upright position. Do not store near heat or open flame.

**Container Disposal:** *If empty* -- Do not reuse container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency or [1-800-CLEANUP or [www.cleanup.org](http://www.cleanup.org) ] for disposal instructions. Never place unused product down any indoor or outdoor drain.

### 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 exisits. The user is advised not to use Lime Sulfur on any crops 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 temperatures 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.

## 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**

For control of **Powdery Mildew, Shothole**; Apply 10½ fl. oz. per gallon of water. Apply every 2 weeks between November 15 and December 15. Dormant application only.

- **APPLES**

For control of **Blotch**; Apply 2½ fl. oz. per gallon of water. Apply in pre-bloom and petal fall stages and 10 days later. **Leaf Spot**; Apply 9½ fl. oz. 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 2½ 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**

For control of **Anthracnose, Powdery Mildew, Rust**; Apply 7½ to 15 fl. oz. per gallon of water. Apply in dormant (green bud) stage. Use 4 teaspoons per gallon of 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**

(Registration and use limited to Pacific Northwest)

To aid in control of **Mummy Berry** (caused by the fungus *Sclerotinia Urnula*); apply a post-harvest (September-October) or early dormant spray of 10¼ fl. oz. per gallon of water.

- **CERRIES (SWEET)**

For control of **Powdery Mildew**; Apply 9½ fl. oz. per gallon of water. Apply in delayed dormant stage.

- **CERRIES (TART)**

For control of **Brown Rot Blossom Blight, Leaf Spot, Scab**; Apply 2 fl. oz. per gallon of water. Apply in pre-bloom, early 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**

For control of **Red Spider Mites**; Apply 2½ fl. oz. per gallon of water. Apply when the mites appear. **Thrips**; Apply 2½ fl. oz. per gallon of water. Apply as recommended by your State Agricultural Experiment Stations.

• **CURRENTS, GOOSEBERRIES**

For control of **Anthracoſe**; Apply 3¼ 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)**

For control of **Overwintering Fungus Spores**; Apply 4½ fl. oz. per gallon of water. Apply in dormant ſtage.

• **FRUIT TREES (NON-BEARING)**

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

• **GRAPES**

For control of **Anthracoſe, 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 2½ to 6½ fl. oz. per gallon of water.

• **NECTARINES**

For control of **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 7¾ 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**

For control of **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 12½ to 15 fl. oz. per gallon of water. Apply in dormant ſeaſon. **Powdery Mildew**; Apply 9½ fl. oz. per gallon of water at green tip ſtage. Use ½ fl. oz. per gallon of water on ſummer foliage.

• **PEARS**

For control of **Pear Psylla, Ruſt Mite, Bliſter Mite**; Apply 5 fl. oz. per gallon of water plus 1 fl. oz. light medium ſummer oil. Apply as poſt-harveſt ſpray. **Bud Mite** (Pacific Coaſt States); Apply 6½ fl. oz. plus 2½ fl. oz. light medium ſummer oil. Apply in the fall after temperature cools but before the firſt froſt at the times mites firſt penetrate under the bud ſcales. **Pear Leaf Bliſter Mite**; Apply 6½ fl. oz. to 9½ 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 6½ 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**

For control of **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 12½ to 15 fl. oz. per gallon of water. Apply in dormant stage.

- **PRUNES**

For control of **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**

For control of **Anthracnose, Powdery Mildew**; Apply 10½ fl. oz. per gallon of water. Spray once when new canes are 8 to 12 inches long. **Cane Blight**; Apply 1¼ fl. oz. per gallon of water. Apply at spring bud swell. Repeat in late fall dormant period. **Spur Blight**; Apply 12½ 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**

For control of **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**

For control of **Black Spot, Powdery Mildew, Rust, and Red Spider**; Apply ½ fl. oz. per gallon. Apply at 10 to 15 day intervals in growing season.

819

## COMBINATION WINTER SPRAY

- **FRUIT TREES, ROSES and DECIDUOUS HEDGE PLANTS, SHADE TREES and SHRUBS (DORMANT and DECIDUOUS ONLY)**  
**San Jose Scale, Rose Scale, Oyster Shell Scale, Brown Apricot Scale, BlackScale, Overwintering Insect Eggs, many Overwintering Fungus Spores or Plant Disease:**  
**For Best Results:** Use 1½ pints Bonide Lime Sulfur Spray and ½ pint Bonide All Seasons Horticultural & Dormant Spray Oil in 6 gallons of water (7½ tablespoons Bonide Lime Sulfur Spray, 2½ tablespoons Bonide All Seasons Horticultural & Dormant Spray Oil per gallon). Keep agitated during spraying.

Buyer's Guarantee Limited to Label Claims

9/9

**Bonide Products, Inc.**

6301 Sutliff Rd.  
Oriskany, NY 13424

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Phone (315) 736-8231  
Fax (315) 736-7582

September 29, 2004

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
US Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1801 South Bell Street  
Arlington, VA 22202-4501

Re: Notification of Optional Marketing Statements for EPA# 4-402

Subject: EPA Reg. No. 4-402, Bonide Lime Sulfur Spray

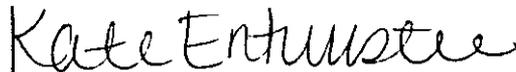
Enclosed please find the Form 8570-1 for the notification of the optional marketing statements:

***CONTROLS listed insects such as: Scale, Mites and Borers. Controls listed Diseases such as: Peach Leaf Curl, Maple Gall, Leaf Blotch, Powdery Mildew, Anthracnose, Rust and Black Spot. FOR USE ON...listed Fruit Trees, Shade Trees, Shrubs, Roses and Berries.***

***Store and transport in an upright position.***

Should you require any additional information, please feel free to contact us at (315) 736-8231.

Sincerely,



Kate Entwistle  
Registration Specialist  
Bonide Products, Inc.  
[katee@bonide.com](mailto:katee@bonide.com)

