

4-122

07-31-2003

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 4-122	2. EPA Product Manager Giles Parker	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Bonide A Complete Fruit Tree Spray	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Bonide Products Inc. 6301 Suttiff 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. _____ Product Name _____	

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.

**NOTIFICATION**  
JUL 3 1 2003

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

Notification of Alternate Brand Name:  
Bonide Complete Fruit Tree Spray

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, but no other changes have been made to the labeling or the CSF of this product. Bonide Products, Inc. understands that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA and further understands that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and Bonide Products, Inc. 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:					
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		2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	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 Connell	Title Registration Specialist	Telephone No. (Include Area Code) 315/736-8231
2. Signature Kate Connell		6. Date Application Received (Stamped)
3. Title Registration Specialist		
4. Typed Name Kate Connell		
5. Date 7-21-03		

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MASTER LABEL

**Bonide**  
**A COMPLETE FRUIT TREE SPRAY**

[Additional Brand Names: Bonide Rose Spray II; Bonide Insecticide Miticide Fungicide;  
Bonide Complete Rose Spray II; Bonide Rose RX Insect & Disease Control  
*Bonide Complete Fruit Tree Spray*

Optional Marketing Statements:

\*This one spray will protect listed fruit and strawberries and roses, evergreens and flowers from both insects and disease.

\*Makes up to 21 gallons (for pint container; quantity to be adjusted appropriately for different size containers)

**NOTIFICATION**

\*Concentrate

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\*Controls both insects and disease on ...Fruit Trees, Flowers, Evergreens, Strawberries.

Leaf hopper

Leaf Spot

Codling Moth

\*Spray for control of insects, disease and mites on roses, flowers and ornamentals.

**Controls:** Listed insects, such as Japanese beetles, mites, flea beetles, aphids and disease, such as black spot, downy mildew, brown rot, coryneum blight...**USE** to protect apples, cherries, grapes, strawberries, peaches, roses, evergreens, and flowers. Mix 1 1/2 to 2 1/2 tbs per gallon of water of water as directed in the directions for use. Easy to use; mixes with water instantly, no pre-mixing. **Read and use according to label directions.** Apply using a hose end or tank sprayer.

**Active Ingredients:**

Captan (CAS No. 133-06-2).....	11.76%
Related Derivatives.....	0.24%
Malathion (CAS No. 121-75-5).....	6.00%
Carbaryl (CAS No. 63-25-2).....	0.30%

<b>Other Ingredients:</b> .....	<b>81.70%</b>
<b>Total:</b> .....	<b>100.00%</b>

Contains Petroleum Distillate

**Keep Out Of Reach Of Children**

**WARNING**

See back/side/other panel(s) for first aid and additional precautionary statements

NET CONTENTS \_\_\_\_\_ fl. Ozs.

EPA Reg. No. 4-122

EPA Est. No. 4-NY-1

**DIRECTIONS FOR USE**

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

**BONIDE A COMPLETE FRUIT TREE SPRAY** is a complete concentrate containing insecticide, fungicide, aphicide, miticide, scabicide, and spreadersticker.

Easy to use; mixes with water instantly; no plugged nozzles; no messy powders to handle, measure or mix; no premixing or straining necessary. Designed especially for home orchards to protect apples, cherries, grapes, peaches, strawberries, roses, evergreens and flowers from the ravages of insects and diseases listed.

**SHAKE PRODUCT THOROUGHLY BEFORE USE.** Contains micronic particles which settle upon standing and require reblending by agitation. Choose a cool, calm period, preferable early morning or evening, when trees will not be subjected to hot direct rays of the sun. Do not apply if rain is expected before leaf surfaces dry. It is easier to prevent disease and scale damage than to cure same, therefore a preventative 10-14 day spray schedule is recommended. When insects are present, use maximum application rate. When active disease spores are present (warm humid days), shorten spray intervals to 7-10 days at maximum application rate. Apply spray to leaves, fruit branches, trunk and base of tree until lightly dripping. Shake sprayer occasionally or agitate to keep spray particles in suspension during application. Carefully read and follow the spray schedule. Do not apply this product through any type of irrigation equipment.

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals. Apply only when wind speed is not more than 10 mph. For sprays, apply largest size droplets possible.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

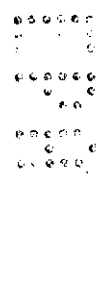
**Specific Directions for use:** Use 1 to 2 pts. Spray suspension on 5 to 8 ft. trees. Use 1 to 2 qts. Spray suspension on 8 to 14 ft. trees. On large trees use 1 to 3 gals. Spray suspension.

Apply when air is calm to avoid drift and contact with eyes and skin. Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering. For trees taller than 10 feet, consider hiring a licensed professional. Spray thoroughly to wet upper and lower leaf surfaces, stems and branches.

Do not repeat applications more than indicated in these directions for use.

**APPLES**

**Insects/Diseases:** Apple maggots, codling moths, Japanese beetles, leaf hoppers, plum curculios, aphids, bud moth, Forbes scale, eastern tent caterpillar, red banded leaf miner, mites, bitter rot, black rot, frog-eye leaf spot, Botryosphaeria (white rot), botrytis rot, bullseye rot, Brooks fruit spot, flyspeck, cedar rust, quince rust, scab, sooty blotch.



**CHERRIES**

**Insects/Diseases:** plum curculios, cherry fruit flies, cherry fruit worms, black cherry aphid, fruit tree leaf roller, bud moth, Japanese beetle, Botrytis rot, brown rot blossom blight and fruit rot, cherry leaf spot.

**GRAPES**

**Insects/Diseases:** Flea beetles, Japanese beetles, grape leaf skeletonizers, rose chafers, grape berry moth, spider mites, mealybugs, leafhoppers, black rot, downy mildew (berries only), botrytis rot.

**PEACHES**

**Insects/Disease:** Plum curculios, Japanese beetle, spider mite, oriental fruit moth; green, peach, black cherry, black peach, rusty plum aphids; brown rot (fruit), rhizopus, scab, brown rot (blossom blight), coryneum blight.

**FRUIT TREE STAGES**

**Dormant:** Absence of growth fall, winter or spring.

**Green Tip Stage:** When branch tips show green tissue.

**Pre Bloom Stage:** When blossom buds show full color before opening.

**Bloom:** When blossoms are open. To protect pollinating insects do not spray during blossoming period. Use another product that contains only a fungicide during the blossoming period, if disease control is needed.

**Petal Fall Stage:** When last petals have fallen from blossom.

**1<sup>st</sup> Cover:** 7-10 days after petal fall.

**2<sup>nd</sup> Cover to Harvest:** To cut off date before harvest.

\* All rates in chart below are given in Tablespoons per gallon. Shake well before using.

SPRAY CHART						
	Start and repeat at 10 – 14 day intervals Up to 14 days before harvest					
Fruit	Green Tip	Pre Bloom	Full Pink	Petal Fall	1 <sup>st</sup> Cover	2 <sup>nd</sup> Cover
Apple (1)	1-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.
Cherry (2)	1-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.
Grape (3)	1-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.	2-1/2 tbs.
Peach (1)	1-1/2 tbs.	1-1/2 tbs.	2-1/2 tbs.	Repeat at 10 – 14 day intervals up to 21 days before harvest. 2-1/2 tbs. 2-1/2 tbs. 2-1/2 tbs.		

- (1): Make no more than 8 foliar applications per growing season.
- (2): Make no more than 7 foliar applications per growing season.
- (3): Do not use more than 2 Qts. Of spray suspension per 100 sq. ft. of grape vine. Make no more than 7 foliar applications per growing season.

**STRAWBERRIES**

**Insects/Disease:** Strawberry weevils, aphids, spider mites, lygus bugs, flea beetles, omnivorous leafhopper, spittle bugs, Japanese beetles, field crickets. Botrytis rot (gray

mold), leaf spots. Use 2 1/2 Teaspoons concentrate per gallon of water. Allow 14 days between last application and harvest. Do not use more than 3 qts. of spray suspension per 100 sq.ft. of strawberries (broadcast spray) or per 100 linear feet of band or row 1 ft. wide banded or directed) spray per single application. Make no more than 8 foliar applications per growing season.

**ROSES, EVERGREENS, AND FLOWERS**

Mix 1 1/2 Tablespoon per gallon of water.

**Insects:** Aphids, apple maggot, bagworm, black cutworm, bud moth, cherry fruit fly and worm, codling moth, plum curculios, flea beetles, fruit tree leaf roller, gypsy moth, Japanese beetle, leaf hoppers, lesser peach tree borer, mealybugs, mites (clover, European red, two spotted and Wilmette), oriental fruit moth, pear slugs, psylla, read banded leaf roller, scale (Forbes, Putman, San Jose), spittle bug, tent caterpillars, unspotted tentiform leaf miner, and yellow neck caterpillar.

**Diseases:** Specifically - CARNATION (Rust, Alternaria Leaf Spot), CHRYSANTHEMUMS (Botrytis Flower Blight) ROSE (Black spot) - Apply at first sign of disease. Repeat at 7 to 10 day intervals. Use the shorter interval under conditions favorable to infection.

Begin applications when pests or disease symptoms first appear or conditions favor their development and repeat at weekly intervals or as necessary to maintain control. Remember, it is easier to prevent damage than to cure it. Therefore, a preventative spray schedule is recommended. Do not use if rain is expected shortly after application. Select still periods for application (early morning or evening) to minimize spray drift.

2 tablespoons = 1 fluid ounces = 1/128 gallon.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - WARNING**

Causes substantial but temporary eye injury or skin irritation. Harmful if swallowed or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing spray mist. Wear coveralls worn over short-sleeved shirt and short pants, socks and chemical resistant gloves, footwear and goggles or face shield. For overhead exposure, wear chemical resistant headgear. For cleaning of spray equipment, add a chemical resistant apron. Remove contaminated clothing and wash clothing before reuse.

**USER SAFETY REQUIREMENTS**

User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use.

Wash the outside of gloves before removing.

Do not allow children or pets to contact area until spray has dried.



**First Aid**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-UCC-HELP for emergency medical treatment information.

**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 eye. Call poison control center or doctor for 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.

**IF SWALLOWED >** Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED >** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. This product may pose an aspiration pneumonia hazard. Contains petroleum distillate. This product may cause cholinesterase inhibition. Atropine is antidotal.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not clean equipment or dispose of equipment wash waters in a manner that will contaminate water resources. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**PHYSICAL AND CHEMICAL HAZARDS**

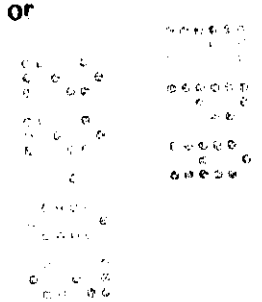
Extremely flammable. Keep away from fire, sparks and heated surfaces.

**STORAGE AND DISPOSAL**

**Storage:** Store in a cool dry area inaccessible to children or pets. Store and transport in upright position.

**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 or [www.cleanup.org](http://www.cleanup.org)] for disposal instructions. Never place unused product down any indoor or outdoor drain.

(Back Panel)



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**Bonide Products, Inc.**

6301 Suttiff Road  
Oriskany, NY 13424

Telephone: 315-736-8231  
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Email: katec@bonide.com

July 21, 2003

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
US Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

**RE: Bonide A Complete Fruit Tree Spray**  
**EPA Reg. 4-122**  
**Additional Brand Name:** *Bonide Complete Fruit Tree Spray*

To Whom It May Concern:

Enclosed, please find a completed form 8570-1, Notification for Additional Brand Name and labeling for the above-mentioned registration. I trust you will find everything in order.

Should you have any questions or need additional information, please do not hesitate to contact me at (315) 736-8231 ext. 230.

Sincerely,



Kate Connell  
Registration Specialist

Enc.

