



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave, NW
Washington, D.C. 20460

EPA Reg. Number:
4-436

Date of Issuance:
January 5, 2004

Term of Issuance:

Conditional

Name of Pesticide Product:

Bonide Complete Fruit Tree Spray

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bonide Products, Inc.
6301 Sutliff Road
Oriskany, NY 13424

Attn: Rebecca M Horton

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7) provided that you:

1. Make the following label change(s) before you release the product for shipment:
 - a. Add the following registration number: EPA Reg. No. 4-436, to your label.
 - b. Delete "Active ingredients derived from natural sources." from the Optional Marketing Statements. Even though this is a true statement, it may give a false or misleading impression of the product.
 - c. Add an asterisk to **OTHER INGREDIENTS*** and *Contains aromatic petroleum solvent.
 - d. Change the IF SWALLOWED **FIRST AID** statement to: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
 - e. In the **NOTE TO PHYSICIAN**, add: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

Signature of Approving Official:

Geraldine R. McCann
EPA/OPP/RD/IRB

Date:

Jan 5, 2004

2. Submit one (1) copy of the revised final printed label for the record before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A copy of the label stamped "Accepted" and the last Chemistry review is enclosed for your records.

If you have questions about this letter, please contact me at 703-605-0716 (by phone), 703-305-6596 (by fax), or mccann.geri@epa.gov (by E-Mail).

Sincerely yours,



Geraldine R. McCann
Insecticide Rodenticide Branch
Registration Division (7505 C)

175 - 5.6.09635
5749654
18



Complete Fruit Tree Spray₂

[Additional Brand Names: BONIDE® Complete Fruit Tree Spray Ready-to-Spray; BONIDE® Complete Fruit Tree Spray RTS]

Optional Marketing Statements:

A combination insecticide, fungicide, aphicide and miticide to control listed insects and plant diseases.

Use on listed fruit trees, grapes, berries, vegetables, roses, flowers and ornamentals.

Active ingredients derived from natural sources.

Safe for use on listed fruit trees, grapes, berries, vegetables, roses, flowers and ornamentals.

Easy to use hose-end applicator. Mixes instantly with water.

Great for 7-10 day spray schedules.

One convenient product for both insect and disease control.

No mixing, no mess. Just connect to your garden hose and spray.

Use up to 1 day before harvest.

ACTIVE INGREDIENTS:

Rotenone	0.5%
Other Associated Resins	1.1%
Pyrethrins	0.4%
Copper Salts of Fatty & Rosin Acids	25.0%

OTHER INGREDIENTS:	73.0%
TOTAL:	100.0%

Metallic copper equivalent 2%.
Contains aromatic petroleum solvent.

**KEEP OUT OF REACH OF CHILDREN
DANGER**

See back/side/other panel(s) for Additional Precautionary Statements.

NET CONTENTS 1 PT/1 QT/1 GAL

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

JAN 5 2004

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

4-436

EPA Reg. No. 4-UGA
December 30, 2003

EPA Est. No. 4-NY-1
Page 1 of 8 Pages

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing spray mist. Wear goggles or face shield. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL & CHEMICAL HAZARDS: Do not use or store near heat or open flame.

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 the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.	
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 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 inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
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 a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

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 plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

STORAGE & DISPOSAL

Storage: Store in original container in a cool, dry place inaccessible to children and pets. Store and transport in an upright position.

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

READ ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS

SHAKE THOROUGHLY BEFORE USE. Designed especially for the home orchard/garden to protect apples, pears, peaches, nectarines, apricots, cherries, plums, prunes, grapes, strawberries, blueberries, caneberries, vegetables, roses, flowers and ornamentals from the ravages of listed insects and plant disease. Choose a cool, calm period, preferably in early morning or evening, when plants 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 damage than cure same, therefore, a preventive 7-10 day spray schedule is recommended. When insects or active disease spores are present (warm humid days), use the shorter spray intervals.

Apply at the first sign of disease or insect infestation, or when weather conditions favor disease, and repeat application every 7-10 days or as directed below. Apply as a full coverage spray to the point of runoff to thoroughly cover foliage(including underside of leaves), branches, trunk and base of tree. Use 1-2 pints of spray suspension for 5-8 ft. trees; 1-2 qts. for trees 8-14 ft.; 1-3 gals. for trees over 14 ft. Do not apply to Fruit, Berries or Vegetable crops within 1 day of harvest.

HOSE END SPRAYER: Easy to Use

1. Make sure knob control lever is in the OFF position. Shake well and attach to hose.
2. Turn water on at faucet, aim nozzle toward lawn and turn knob control lever to ON to begin spraying. Product automatically mixes with water at the recommended rate of 6 tsp/gallon of water.
3. When finished turn control lever to OFF position. Turn faucet to OFF position. Discharge residual water pressure by turning sprayer control lever ON and OFF again.

FRUIT & BERRIES

APPLE, PEAR, QUINCE, PEACH, NECTARINE, APRICOT, CHERRY, PLUM, PRUNE, GRAPES:

Insects: *Aphids, Leafhoppers, Exposed Thrips, Cherry Fruit Flies, Japanese Beetles, Mites, Red-necked Borers, Rose Chafers*

Diseases: On Apples/Pears - *Anthracnose, Cedar Apple Rust, Quince Rust, Fireblight, Scab, Sooty Blotch, Flyspeck*. On Peaches, Nectarines, Apricots - *Leaf Curl, Shothole, Blossom Brown Rot*. On Cherries, Plum, Prune - *Bacterial Canker (Pseudomonas syringae), Leaf Spot, Brown Rot, Blossom Blight*. On Grapes - *Downy Mildew, Powdery Mildew, Black Rot (suppression)*.

Additional Use Instructions:

Apples/Pears/Quince: For Anthracnose, apply in mid-July. For Cedar Apple and Quince rusts, apply every 7 to 10 days from the pink bud stage until 30 days after petal fall. For Fireblight, spray at silver tip and bud break and repeat at 3-5 day intervals as needed, up to petal fall. For Scab, Sooty Blotch and Flyspeck, for best control begin treatment 2 weeks before disease normally appears or when weather forecasts predict a long period of wet weather. Alternatively, begin treatment when disease first appears, and repeat at 7-10 day intervals as needed. If possible, time applications so that 12 hours of dry weather follow application. Note: Use of this product as recommended may cause russetting of Golden Delicious and similar susceptible apple varieties. Mild russetting of other varieties may occur. Preferred use is on non-bearing or processing varieties where russetting is not a concern. Treatment after leaves emerge may cause limited defoliation of young leaves.

Peaches/Nectarines/Apricots: For Leaf Curl, Shothole and Blossom Brown Rot, apply at leaf fall and repeat in late dormant up to bud swell, and at pink bud. Do not apply after pink bud.

Cherries/Plums, Prunes: For Bacterial Canker and Leaf Spot, apply in spring as buds begin to swell. Repeat at bud burst and weekly thereafter as needed for up to 6 sprays. In fall, apply a spray at both 10 and 80% leaf fall. For Brown Rot Blossom Blight, apply at popcorn bud, full bloom and petal fall. During wet weather, additional bloom sprays may be necessary. Note: Sprays after leaf emergence may cause some leaf defoliation.

Grapes: For Downy Mildew, Powdery Mildew and Black Rot, begin spray when new growth is ½ inch long. Repeat every 7-10 days throughout the growing season. Note: Do not mix with lime. Note: Certain varieties and hybrids may be slightly sensitive to this product, resulting in marginal leaf burn.

**CURRANTS, GOOSEBERRIES, RASPBERRIES, BLACKBERRIES
STRAWBERRIES, BLUEBERRIES:**

Insects: *Aphids, Leafhoppers, Exposed Thrips, Cherry Fruit Flies, Japanese Beetles, Mites, Red-necked Borers, Rose Chafers, Imported Currant Worms, Gooseberry Fruit Worms, Raspberry Fruit Worms, Blueberry Maggots, Strawberry Root Worms (adult), Strawberry Leafrollers,*

Diseases: *Anthracnose, Leaf Spot, Cane Spot, Yellow Rust*

Additional Use Instructions:

For Anthracnose, Leaf Spot, Cane Spot and Yellow Rust, apply when leaf buds begin to open. Repeat when flower buds show white and continue at 10-14 day intervals until harvest. Also, make a postharvest spray after pruning but before fall rains.

VEGETABLES

BEAN (Green, Snap, Dry Colored, Navy), PEA, BEET, POTATO, CARROT, CORN, BROCCOLI, BRUSSEL SPROUT, CABBAGE, CAULIFLOWER, LETTUCE, CHICORY, ENDIVE, CELERY, CUCUMBER, SQUASH, PUMPKIN, MELONS (CANTALOUPE, MUSKMELON, WATERMELON), ONION, GARLIC, LEEK, SHALLOT, CHIVES, PEPPER, TOMATO

Insects: *Aphids, Leafhoppers, Exposed Thrips, Cabbage Worms, Bean Beetles, Beet Webworms, Sod Webworms, Japanese Beetles, Lygus Bugs, Whiteflies, Garden Fleahoppers, Harlequin Bugs, Oblique-banded Leaf Rollers, Melon Worms, Tortoise Beetles, Garden Webworms, Alfalfa Webworms, Mites, Colorado Potato Beetles, Cucumber Beetles, Flea Beetles, Vegetable Weevils, Squash Bugs (nymphs), Squash Vine Borers, European Corn Borers*

Diseases: On Beans - *Bacterial Blight*. On Peas - *Bacterial Blight, Powdery Mildew*. On Beets - *Cercospora Leaf Spot*. On Potatoes - *Late Blight, Early Blight*. On Carrot - *Early Blight, Late Blight, Leaf Spot*. On Corn - *Southern Leaf Blight, Cercospora Leaf Spot*. On Broccoli, Brussel Sprouts, Cabbage, Cauliflower - *Downy Mildew, Alternaria Blight*. On Lettuce, Chicory, Endive - *Downy Mildew, Septoria Leaf Spot, Powdery Mildew, Bacterial Soft Rot and Bottom Rot*. On Celery - *Early Blight, Bacterial Blight*. On Cucumber, Squash, Pumpkin, Melons - *Downy Mildew, Powdery Mildew, Alternaria Blight, Scab*. On Cucumber - *Angular Leaf Spot*. On Onion - *Bacterial Leaf Blight, Downy Mildew, Grey Mold Neck Rot, Bacterial Soft Rot*. On Pepper - *Bacterial Spot, Cercospora Leaf Spot*. On Tomato - *Bacterial Spot, Bacterial Speck, Early Blight, Septoria Leaf Spot, Anthracnose*.

Additional Use Instructions:

Bean: For Bacterial Blight, apply beginning at trifoliolate and continue at 7-10 day intervals to dry harvest. Use 7 day intervals during wet weather. Corn: For European Corn Borer, make 3-4 applications or more as eggs start to hatch, and repeat at 5-7 day intervals.

Broccoli, Brussel Sprouts, Cabbage, Cauliflower - Note: A slight reddening of older leaves may occur, especially in late fall. Do not spray when plants are under environmentally stressful conditions. Lettuce - Do not use on copper sensitive varieties.

ROSES, FLOWERS & ORNAMENTALS

Insects: *Aphids, Leafhoppers, Exposed Thrips, Oblique-banded Leaf Rollers, Sawfly Larvae, Boxelder Bugs, Japanese Beetles, Elm Leaf Beetle Larvae, Mites, Lygus Bugs, Lace Bugs, Greenhouse Whiteflies, Stink Bugs, Garden Fleahoppers, Greenhouse Leaf-tiers, Cucumber Beetles, Rose Chafers, Ants, Aster Beetles, Flea Beetles.*

Diseases: On Azalea - *Cercospora Leaf Spot, Botrytis Blight, Leaf Gall, Phytophthora Dieback, Powdery Mildew*. On Begonia - *Xanthomonas Leaf Spot, Anthracnose, Powdery Mildew*. On Camellia - *Phytophthora Dieback*. On Chrysanthemum, Gardenia & Philodendron - *Bacterial Blight*. On Cotoneaster - *Botrytis Blight*. On Hydrangea - *Leaf Spot, Powdery Mildew*. On Ixora, Magnolia, Palm - *Leaf Spot*. On Iris - *Scab*. On Ivy - *Bacterial Leaf Spot, Xanthomonas Leaf Spot*. On Pachysandra - *Volutella Blight*. On Pyracantha - *Fire Blight, Scab*. On Rose - *Powdery Mildew, Black Spot (suppression)*. On Pine (Austrian, Ponderosa, Mugo, Scot) - *Dothistroma Needle Blight, Diplodia Tip Blight*. On Juniper - *Cercospora Needle Blight*. On Maple, Oak, Sycamore - *Anthracnose, Leaf Spot*. On Cedar - *Cedar Apple Rust*.

Additional Use Instructions:

Azalea, Philodendron, Iris, Rose: Discoloration of blooms may occur on certain varieties or colors of these plants. To avoid problem, do not spray just before or during flowering period. Pyracantha: For Fire Blight and Scab, begin spray during bloom period. Repeat at 3-4 day intervals. After bloom period, continue at 7-10 day intervals, as needed. Pine: For Dothistroma Needle Blight, apply to run-off beginning as new needles emerge from needle sheaths. Repeat 3-4 weeks later. For Diplodia Tip Blight, make first application when shoot buds open. Repeat weekly until needles break through needle sheaths. Juniper: For Cercospora Needle Blight, make first application as new growth begins. Repeat monthly, making at least 2-3 sprays. Maple, Oak, Sycamore: For Anthracnose and Leaf Spot, make first application just before bud swell. Repeat at 7 day intervals as needed, making at least 3 sprays. Cedar: For Cedar Apple Rust, apply weekly in July and August.

9/10

**Manufactured by
BONIDE PRODUCTS, INC.
Yorkville, NY 13495**

Buyer's guarantee limited to label claims.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

Questions, Concerns or Comments?

**Write to
Bonide Products, Inc.
Consumer Services
6301 Sutliff Road
Oriskany, NY 13424**

10/10

BACK OF BOOKLET LABEL

Controls listed *insects* including Aphids, Mites, Japanese Beetles, Rose Chafers, Red-necked Borers, Leafhoppers, Cherry Fruit Flies, Fruit Worms, Cabbage Worms, Bean Beetles, Whiteflies, Mites, Colorado Potato Beetles, Squash Vine Borers, European Corn Borers, Boxelder Bugs, Lygus Bugs, Flea Beetles, Ants, Lace Bugs...

Controls listed *plant diseases* including Anthracnose, Cedar Apple Rust, Fireblight, Scab, Sooty Blotch, Leafcurl, Brown Rot, Black Rot, Downy Mildew, Blossom Blight, Bacterial Canker, Powdery Mildew, Shot Hole, Cane Spot, Late & Early Blight, Cercospora Leaf Spot, Septoria Leaf Spot, Leaf Gall, Dieback...

Use on: Listed fruit trees, grapes, berries, vegetables, roses, pine trees, iris, flowers and ornamentals.

Easy to Use, Hose-end Sprayer – No Mixing – No Mess – Just Connect to Hose and Spray!

Store and transport in an upright position.

EPA Est. No. 4-NY-1

EPA Reg. No. 4-_____

Buyer's guarantee limited to label claims.

Manufactured by
Bonide Products, Inc.
Oriskany, NY 13424