

4-180

9/8/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

SEP 8 2003

Ms. Rebecca M. Horton  
Registrations by Design Inc.  
Consultant to Bonide Products  
118 ½ E. Main Street  
Suite 1  
Salem, VA 24153

SUBJECT: Application for Label Amendment - First Aid and Storage/Disposal  
Bonide Lawn Disease Control  
EPA Reg. No. 4-180  
Your Submission Dated June 20, 2003

Dear Ms. Horton:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you make the following corrections:

1. On page 1, delete the statement "Contains Thiram" underneath the product name.
2. Under "Use Precautions", change the second sentence beginning "For use on plants intended ..." to "For use on plants that are in ornamental gardens, interior plantscapes, parks, golf courses, and public or private lawns and grounds and that are intended only for aesthetic purposes or climatic modification.
3. On page 3, under "First Aid" box, "If Swallowed" section, third bullet: change the word "gold" to "told."
4. On page 3, under "Application Rates," section on "Damping Off": Change "Apply to early spring." to "Apply in early spring."
5. On page 3, under "Storage and Disposal" box, include the sentence "Do not contaminate water, food, or feed by storage or disposal." This phrase is recommended (PR 83-3) for any pesticide whose use patterns are not solely for household use.

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6. On page 4, last paragraph, change "... or pesticide incidents," to read as "... or pesticide incidents)" to close the parentheses.

7. Update the precautionary statements to read: "Harmful if inhaled or swallowed. Avoid breathing dust. Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Consumption of alcoholic beverages increases the toxic effects of thiram."

On page 2, under "Use Precautions" we do not understand the need for the sentence "Do not rotate treated crop with crops other than those with registered thiram uses." Unless Bonide Products has reason to believe that users will replace established turf with other crops, this sentence appears to be unnecessary and should be deleted. However, the label will not be rejected if this sentence is maintained.

Submit one (1) copy of the final printed label before you release the product for shipment. A stamped copy of your label is enclosed.

Sincerely,



Cynthia Giles-Parker  
Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

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ACCEPTED  
WITH COMMENTS  
In EPA Letter Dated:  
SEP 8 2003  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.

4-180

# LAWN DISEASE CONTROL

## CONTAINS THIRAM

[Additional Brand Names: Yardstick Lawn Disease Control; Yard Stick Lawn Fungicide]

**Optional Marketing Statement:**

For prevention & control of large brown patch, dollar spot, snow mold, copper spot, damping off, melting out, gray leaf spot.  
Refillable applicator

**ACTIVE INGREDIENT:**

Thiram (CAS #137-26-8)..... 10%

**OTHER INGREDIENTS:**..... 90%

**TOTAL**..... 100%

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

See back/side/other panel(s) for additional precautionary statements.

**NET WEIGHT:** \_\_\_\_\_

<b>FIRST AID</b>	
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 Network at 1-800-858-7378 for emergency medical treatment information.	
<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 by 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>
<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 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>

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Keep out of reach of children. Do not inhale dust. Avoid contact with skin, eyes, or clothing. In case of contact with skin, eyes, or clothing, and after use, wash thoroughly with soap and water. For eyes flush with water. Consumption of alcoholic beverages increases the toxic effects of thiram.

**ENVIRONMENTAL HAZARD**

This pesticide product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water.

**DIRECTIONS FOR USE**

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

**USE PRECAUTIONS**

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 on golf courses or lawns and grounds.

Do not rotate treated crop with crops other than those with registered thiram uses.

Do not reenter treated areas within 24 hours following application unless protective clothing is worn.

Use Bonide® Lawn Disease Control on grasses found in cemeteries, golf courses, lawns, parks, and similar nongrazed areas.

This product is for the prevention and control of Copper Spot, Damping Off, Dollar Spot, Leaf Spot (Helminthosporium-Curvularis), Gray Leaf Spot, Brown Patch and Snow Mold. Grasses may contain Kentucky Blue including Merion and other strains, the various Fescues, Bents and most other varieties.

### SPECIAL INSTRUCTIONS

Do not water or mow lawn area for 24 hours after application. Application will be more effective if made in the early morning when dew is on the grass. Repeat treatments are necessary until fungus diseases disappear.

Do not graze treated areas. Do not feed clippings to livestock.

### APPLICATION RATES

**Brown Patch (Rhizoctonia), Dollar Spot:** As a preventive, use 1½ lbs./1000 square feet. Apply at 7-day intervals throughout warm season. As a curative, use 2½ lbs./1000 square feet. Begin when disease is first noticed. Repeat at 7- to 10-day intervals as necessary.

**Copper Spot:** As a preventive, use 1½ lbs./1000 square feet. Begin in late spring. Repeat at 7- to 10-day intervals. As a curative, use 2 lbs./1000 square feet. Begin when disease is first noticed. Repeat at 7- to 10-day intervals as necessary.

**Damping Off:** 22½ lbs./1000 square feet. Apply to early spring. Repeat as necessary.

**Gray Leaf Spot:** 9 lb./5000 square feet. Repeat as necessary.

**Helminthosporium Leaf Spot (Melting-out):** 2 lbs./1000 square feet. Begin in early spring. Repeat at 7- to 10-day intervals while temperatures are between 45 to 80 degrees Fahrenheit, and again in the fall.

**Snow Mold (Typhula Blight), Gray Snow Mold:** Use 3.75 lbs./1000 square feet. Apply in late fall before first snow. Make second application using 1½ lbs./1000 square feet during spring thaw.

### STORAGE AND DISPOSAL

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

**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 any indoor or outdoor drain.

**Notice to Buyer:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

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

Manufactured by:

Bonide Products, Inc.

Oriskany, NY 13424