

4-410

PM-22

8-20-98

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 4-410	Date of Issuance: AUG 20 1998
	Term of Issuance: Conditional	
	Name of Pesticide Product: Bonide Fung-onil Multipurpose Fungicide Ready to Use	
Name and Address of Registrant (include ZIP Code): Bonide Products, Inc. 2 Wurz Avenue Yorkville, NY 13495		
<p>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.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the following label changes: <ol style="list-style-type: none"> a. Revise the EPA Registration Number to read, "EPA Reg. No. 4-410". 3. Submit two copies of the revised final printed label for the record. <p>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.</p> <p>A stamped copy of the label is enclosed for your records.</p>		
Signature of Approving Official: <i>151</i>	Date: AUG 20 1998	

Label for 32 oz. Container

Adjust Coverage area for other sizes!

Bonide Fung-onil Multi-purpose Fungicide Ready to use

Contains Echo™ LITE
CHLOROTHALONIL FUNGICIDE

CONTROLS DISEASES: Leaf Spots, Rust, Blights, Fruit Rots, Mildews, Scab, Molds, Lawn Fungus, etc.

ON: Lawns, Vegetables, Fruit Trees, Flowers, Shrubs and Shade Trees

READY-TO-USE
FOR HEALTHIER PLANTS
FOR CONTROL OF PLANT DISEASE

ACTIVE INGREDIENT:

Chlorothalonil (tetrachloroisophthalonitrile) 0.087%

INERT INGREDIENTS: 99.913%

TOTAL 100.000%

**KEEP OUT OF REACH OF CHILDREN
WARNING**
See Back Panel for Precautionary Statements

**ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 20 1998**

Manufactured by:

Bonide Products, Inc.

2 Wurz Avenue • Yorkville NY 13495

*Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg# 4-NY-1*

4-4.1.0

EPA Reg# 4-

Net Contents: 32 oz.

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DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING

Not for use on plants being grown for sale or other commercial use, 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. Also for use on fruit trees and vegetables.

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

This product is highly effective for the control of a broad spectrum of lawn, vegetable, fruit and ornamental plant diseases when it is used according to the directions on this label. When conditions are favorable for development, thorough uniform coverage of plant surfaces is essential for good disease control.

LAWN DISEASES

One day before applying this product, mow lawn, collect clippings and water if necessary. Apply evenly to the point runoff occurs. Apply after mowing and withhold watering until spray deposit has dried thoroughly.

Do not apply when temperature is above 90°F to prevent slight burning or temporary discoloration of grass lawns. Do not graze treated areas or feed treated clippings to livestock.

For established diseases and during periods of very wet or damp weather: Make 3 successive applications at 7 day intervals. Continue treatments following rates for light diseases until lawn has recovered.

For light diseases and mild conditions: Apply at a 10 to 14 day interval depending on severity of disease and conditions favoring disease development until lawn has recovered.

IMPORTANT: This product is effective on a wide range of diseases as listed below; however, proper identification of specific lawn disease is essential for control. Take a specimen of the disease to a professional garden center or contact the local County Extension Service for positive identification before treatment.

GRASS LAWN DISEASES	CONDITIONS
Copper Spot (Gleocercospora)	70 - 80°F; low fertility
Curvularia Leaf Spot	Summer; 80 - 90°F; heavy thatch
Dollar Spot (Sclerotinia)	70 - 80°F; low fertility
Gray Leaf Spot (Piricularia)	Summer; high N; high humidity
Helminthosporium Leaf Spot & melting out	Summer; 80 - 90°F; moist; overcast
Large Brown Patch (Rhizoctonia)	Summer; 75 - 85°F; warming trend
Red Thread (Corticium)	Cool wet; 55 - 72°F

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GRASS LAWN DISEASES	CONDITIONS
Stem Rust of Bluegrass (Puccinia)	70 - 75°F; high light intensity; humidity
Gray Snow Mold (Typhula)	
Gray Snow Mold (Typhula)	Late Autumn; Winter; 30 - 50°F; apply before snow cover in the fall. If snow cover is intermittent or lacking during winter, reapply at monthly intervals until gray snow mold conditions no longer prevail.
DICHONDRA DISEASES - CA ONLY	
Alternaria Leaf Spot	Winter & Spring; rainy; cool; 55 - 72°F
Anthracoise (Gleosporium)	Summer; 70 - 85°F

VEGETABLE DISEASES

Apply to cover an area specified in brackets [] with listed crop. Repeat at 7 to 14 day intervals. Use the 7 day schedule during severe disease conditions or wet weather unless otherwise stated.

Note: Avoid spraying plants during extremely hot and sunny weather. Do not apply to wilted plants. Do not graze treated areas or feed treated plant parts to livestock.

Vegetables: Numbers in parentheses () indicate days required between last application and harvest.

Beans (Green) (7): *Rust and Botrytis Blight (Gray Mold)* [37.5 sq. ft.] – Begin applications during early bloom stage or when disease first threatens. Repeat at weekly intervals or as necessary.

Broccoli (0), Brussels Sprouts (0), Cabbage (0), Cauliflower (0): *Alternaria Leaf Spot and Downy Mildew* [75 sq. ft.] Begin after transplants are set in the field or when conditions favor disease development. Repeat at 7 to 10 day intervals.

Ring Spot in Brussels Sprouts (CA only) [56 sq. ft.] – Begin at time of early sprout development or when conditions favor disease development. Repeat at 7 to 10 day intervals.

Carrots (0): *Cercospora (Early) Blight and Alternaria (Late) Blight* [56 sq. ft.] – Begin when disease threatens and repeat at 7 to 10 day intervals or as required to maintain control.

Celery (7): *Cercospora (Early) Blight and Septoria (Late) Blight* [75 sq. ft.]; *Basal Stalk Rot and Pink Rot (Suppression)* – Begin when plants are set in the field. Repeat on a 3 to 5 day spray schedule for lower rate [75 sq. ft.] or a 7 day schedule for the higher rate [37.5 sq. ft.]

CORN (Sweet) (14): *Helminthosporium Leaf Blight and Rust* [56 sq. ft.] – Begin when conditions favor disease development. Repeat at 4 to 7 day intervals or as needed. Do not apply to sweet corn for processing.

Cucumbers (0), Melons (0), Pumpkins (0), Squash (0): *Anthracoise, Downy Mildew and Target Spot* [56 sq. ft.]; *Scab, Gummy Stem Blight (Black Rot) Leaf Blight, Cercospora Leaf Spot, Powdery Mildew (except Southwestern states)* [37.5 sq. ft.] Also suppresses *Fruit Rot (Rhizoctonia)* on cucumbers [37.5 sq. ft.] – Begin when plants are in the first true leaf stage or when conditions are favorable for disease. Repeat applications at 7 day intervals or more frequently if required.

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Onion (Green) (14) and Dry Bulb (7), Leek (14), Shallot(14), Garlic (7): *Botrytis Leaf Blight (Blast), Purple Blotch and Downy Mildew (suppression)* [37.5 sq. ft.] – Apply at first sign of disease and repeat at 7 to 10 day intervals. Do not apply more than 3 times per season on green onions, leeks or shallots.

Potato (0): *Early Blight, Late Blight, Botrytis Vine Rot* [75 sq. ft.] – Begin when plants are 6 inches high or when disease threatens and continue at 7 to 10 day intervals or as needed to maintain disease control.

Tomato (0): *Early Blight, Late Blight, Gray Leaf Spot, Gray Leaf Mold, Septoria Leaf Spot, Anthracnose, Alternaria Fruit Rot or Black Mold, Rhizoctonia Fruit Rot, Botrytis Gray Mold* [37.5 sq. ft.] – Begin when conditions favor disease development. Repeat at 7 to 10 day intervals or more frequently under severe conditions.

FRUIT DISEASES

Apply full coverage spray to the point of runoff to thoroughly cover tree canopy including undersides of leaves.

Peach, Nectarine, Apricot, Cherry, Plum, Prune: *Peach Leaf Curl; Coryneum Blight (Shothole) on Peach, Nectarine, Apricot* – Spray foliage to point of runoff. Make one application at leaf fall in late autumn. Make one or two additional applications in mid to late winter before buds begin to swell. Where *Coryneum Blight (Shothole)* occurs, apply an additional application one to two weeks after petal fall or at shucksplit (tiny fruit just beginning to form) to prevent fruit infections.

Brown Rot Blossom Blight – Make one application at popcorn (pink, red or early white bud stage when first color shows) and a second application at full bloom. If cool, moist weather continues, make an additional application at petal fall.

Cherry Leaf Spot on Cherries and Scab on Peach, Nectarines and Apricot – In addition to the bloom applications listed above, make one application at shucksplit. Do not apply after shucksplit or before harvest. For control of *Cherry Leaf Spot* after harvest, make one application to foliage within 7 days after fruit is removed. In trees with history of high leaf spot incidence, make a second application 10 to 14 days later.

ORNAMENTAL DISEASES

Spray foliage to the point of runoff. Begin applications as directed for each species and disease condition cited and repeat on a 7 to 14 day schedule until conditions are no longer favorable for disease development. During periods when conditions favor severe disease incidence, generally cloudy or wet weather, use the shorter interval between applications. For outdoor use only.

Species	Diseases Controlled	First Application
BROADLEAF SHRUBS AND TREES		
Ash (Fraxinus)	Cercospora, Cercosporidium, Cylindrosporium Leaf Spots	Spring Bud Break
Azalea* Rhododendron*	Phytophthora Die-back Ovulinia Flower Blight	New Leaf Emergence Early Bloom
Buckeye, Horsechestnut	Leaf Blotch, Anthracnose	Spring Bud Break
Cherry-Laurel	Cercospora Leaf Spot	Petal Fall
Crabapple	Scab, Cedar-Apple Rust, Sphaeropsis Leaf Spot	Spring Bud Break

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Species	Diseases Controlled	First Application
Dogwood	Anthracoze (Discula Sp.) Septoria Leaf Spot	Spring Bud Swell Early Bloom
Euonymus	Anthracoze	Spring Bud Break
Firethorn (Pyracantha)	Scab	Spring Bud Break
Flowering Almond, Quince and Cherry Hawthorn	Monilinia Blossom/Branch Blight Rust, Fabraea Leaf Spot	Early Bloom Pre-Bloom
Holly	Rhizoctonia Web Blight	Warm, Moist Conditions
Mountain Laurel	Cercospora Leaf Spot	Spring Bud Break
Oak (red group only)	Taphrina Blister, Actinopelte Leaf Spot, Anthracnose	Dormant Bud Swell
Oregon-Grape (Mahonia)	Rust	Spring Bud Break
Photinia	Fabraea (Entomosporium) Leaf Spot	Spring Bud Break
Pieris (Andromeda)	Phytophthora Die-Back	New Leaf Emergence
Poplar	Marssonina Leaf Spot	Spring Bud Break
Privet	Cercospora Leaf Spot	Prolonged Wet Conditions
Sycamore, Planetree	Anthracoze	Spring Bud Break
Viburnum	Powdery Mildew	Mid-Summer
BULBS AND FLOWERING PLANTS		
Carnation	Alternaria Leaf Spot/Branch Rot, Botrytis	Transplant of Cuttings; Cool, Moist Conditions
Chrysanthemum/Daisy	Mycosphaerella Ray Blight, Septoria Leaf Spot	Transplant of Cuttings
Geranium	Botrytis Flower Blight (Gray Mold), Rust	Pre-Bloom Cool Moist Conditions
Gladiolus	Curvularia Leaf/Flower Spot, Botrytis Leaf/Flower Spot	Early Propagation
Hollyhock	Rust	Early Seedling Stage
Hydrangea* (foliage only)	Cercospora & Septoria Leaf Spots, Rust	Early Propagation
Iris	Botrytis Blossom Blight, Didymellina Leaf Spot	Cool, Moist Conditions
Lily	Botrytis Gray Mold (early phase), Phytophthora Blight	Pre-Bloom

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Species	Diseases Controlled	First Application
Petunia*	Botrytis Gray Mold (foliar phase), Phytophthora Blight, Botrytis Blight	Pre-Bloom
Rose	Black Spot, Botrytis Blight	Spring Bud Break
Statice	Anthrachnose, Cercospora, Alternaria, Botrytis Leaf Blight	Spring Bud Break
Zinnia	Powdery Mildew	First Sign of Disease
*DISCOLORATION OF BLOOMS HAS BEEN NOTED ON CERTAIN VARIETIES WHEN APPLICATIONS ARE MADE DURING FLOWERING.		
FOLIAGE PLANTS		
Dracaena	Fusarium Leaf Spot	Pre-Transplant
Leatherleaf Fern	Ascochyta Blight, Cercospora Leaf Spot, Cylindrocladium Leaf Spot, Rhizoctonia Blight	Spring Bud Break
Parlor Palm (Chamaedorea)	Bipolaris Leaf Spot (Helminthosporium)	Cool, Moist Conditions
Prayer Plant (Maranta)	Helminthosporium Leaf Spot	Early Propagation
Oyster Plant (Rhoeo)	Tan Leaf Spot	Early Propagation
Philodendron	Phytophthora Blight, Dactyaria Leaf Spot	Moist Conditions
Syngonium	Cephalosporium Leaf Spot	Warm, Moist Conditions

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STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: Do not reuse container. Wrap and discard in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

**PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals**

WARNING

Causes eye and skin irritation. This product may produce temporary allergic side effects characterized by redness of the eyes, mild bronchial irritation and redness or rash on exposed skin areas. Do not get in eyes, on skin or on clothing. Wear long sleeved shirt, long pants, and rubber gloves while mixing and applying this product. Wash skin and hands thoroughly after using. Remove and wash contaminated clothing before reuse. Keep children and pets off treated area until dry.

STATEMENT OF PRACTICAL TREATMENT

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic organisms. Do not apply directly to water. Do not contaminate water by disposal of equipment washwaters. Do not apply when weather conditions favor drift of spray.