



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

100-773

Date of Issuance:

ADD 18 1995

Term of Issuance: Conditional

Name of Pesticide Product:

PPZ 1.55% HG

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Gregory R. Watson, Ph.D.
Ciba Crop Protection
Ciba-Geigy Corporation
P. O. Box 18300
Greensboro, NC 27419-8300

Note: Changes in labeling differing in substance from that accepted in connection with the 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)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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 changes to the label:
 - (a.) On page 8, in the comments for brown patch, indicate the number of days for retreatment.
 - (b.) In the list of diseases in the second paragraph of the first page, delete "mold" or specify the disease intended by this term.
3. Submit five copies of the final printed label for the record.

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

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Connie B. Webb

Date:

4/18/95

Product Manager (21)

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 18 1995

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

100-773

PPZ 1.55% HG Fungicide

Broad spectrum and systemic disease control on roses, flowers, home lawns, trees and shrubs

Controls brown patch, powdery mildew, black spot, rust, blights, scab, mold and more

Contains Banner^R Fungicide - Used by Professional landscapers nationwide.

Prevents and stops diseases on roses, flowers, lawns, trees, and shrubs

Concentrate - Just Mix with Water and Spray

For use in pressure type or hose-end sprayers

Enough to treat a 1,333 sq. ft. lawn

Absorbed into the plant - can't be washed off by rain or sprinklers

Not affected by rain

Systemic disease control

Prevents a large variety of diseases on home lawns and ornamentals

Prevents lawn diseases before they happen.

Broad spectrum disease control on home lawns and ornamentals

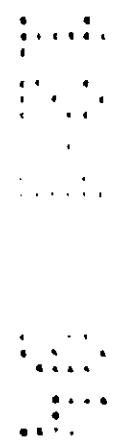
Works up to 4 weeks for certain diseases.

Active Ingredient: Propiconazole: 1[2-(2,4-dichloro phenyl)-4-propyl-1,3-dioxolan-2yl]methyl-1H-1,2,4-triazole	1.55%
<u>Inert Ingredients:</u>	<u>98.45%</u>
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements.
Net Contents - 1 pint



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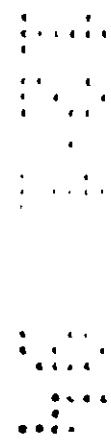
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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, NC 27419

CGA

12/7/94



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DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

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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.

STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USE.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL OR INJURY TO DESIRABLE PLANTS.

DO NOT ALLOW PEOPLE OR PETS TO CONTACT TREATED AREAS UNTIL SPRAY HAS DRIED.

Use Tips

1. When used as directed, this product is safe to plants and controls the diseases listed. Plants not listed may be injured by this product and diseases not listed may not be controlled. Before using this product on plants or diseases not listed test on a small area first.
2. Do not apply this product to African violets, begonias, Boston fern or geraniums.
3. This product is highly effective when it is used to prevent diseases or applied at the first sign of disease. Consider treating early in the season. This product will not eliminate disease already present.
4. If you need more information about lawn and ornamentals diseases, contact your local County Extension Service.

How to Mix

Shake well before using. Apply only with a pump-up pressure sprayer, concentrate plus water-style, or a dial-style hose-end sprayer. Use of hose-end sprayers which have only an on/off switch or those that which are continuously filled with water during the application is not recommended.

NOTE: 1/2 fl. oz. = 1 Tablespoon
1 fl. oz. = 2 Tablespoons

Food utensils such as measuring cups and spoons must not be used for food purposes after use in measuring pesticides.

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HOW TO APPLY

ROSES AND FLOWERS

General Directions

1. Apply product to the point just when it begins to run off of the leaves.
2. Allow spray to completely dry before watering.

<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Roses	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gallon of water	Thorough coverage needed for best results. Begin application at bud break. Treat every 10 days
	Black Spot, Rust	2 Tablespoons (1 fl. oz.) per gallon of water	Treat every 10 days Note: May not provide 100% control of black spot under severe conditions. May cause some petal or leaf distortion on hybrid tea roses. Not recommended on roses grown for show.



<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Calendula	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gallon of water	Apply every 30 days.
Chrysanthemums	Ray Blight	2 Tablespoons (1 fl. oz.) per gallon of water	Apply every 7 days
Delphinium	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gallon of of water	Apply every 14 days
Snapdragons	Rust	2 Tablespoons (1 fl. oz.) per gallon of water	Apply every 10 days
Sweet William	Leafspot	1 Tablespoon (1/2 fl. oz.) per gallon of water	Apply every 14 days

LAWNS

1. Apply after mowing or allow sprayed area to completely dry before mowing.
2. Measure the length and width of area to be treated before application. Length x width = square feet. For example, an area 25 feet long and 20 feet wide is 500 sq. ft.

Established lawns:

<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Brown Patch	5 fl. oz. in 1 gallon of water per 250 sq. ft. of lawn	If needed, repeat treatment every days First application should be in May or June before disease is present.
Dollar Spot Powdery Mildew Rust Anthracnose	3 fl. oz. in 1 gallon of water per 250 sq. ft. of lawn	Apply every 14 days
Red Thread	5 fl. oz. in 1 gallon of water per 250 sq. ft. of lawn	If needed, repeat every 21 days.
Dichondra Rust on Dichondra Lawns	5 fl. oz. in 1 gallon of water per 250 sq. ft. of lawn	If needed, repeat every 21 days when conditions are favorable for disease to occur.

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<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Stripe Smut		3 fl. oz. in 1 gallon of water per 250 sq. ft. of lawn	Apply in fall after grass is dormant or in early spring before grass starts to grow

New Seedings:

<u>How Much to Apply Per 500 Sq. Ft.</u>	<u>Comments</u>
5 fl. oz. in 2 gallons of water per 500 sq. ft. of lawn	Apply at the 2-3 leaf stage of growth for faster root development and top growth.

TREES AND SHRUBS
General Directions

1. Spray just until product runs off leaves
2. Allow the spray to dry before watering plants.

<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Crab Apple	Scab	1/2 Tablespoon (1/4 fl. oz.) per gallon of water	Apply when buds just begin to break open and apply every 14 days
	Rust	1/2 Tablespoon (1/4 fl. oz.) per gallon of water	Make 3 applications, beginning when buds just begin to break open. Apply at 7 day intervals.

<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Crab Apple	Powdery Mildew	1 1/2 Tablespoons (3/4 fl. oz.) per gallon of water	Apply every 14 days
Crepe Myrtle	Powdery Mildew	3 Tablespoons (1 1/2 fl. oz.) per gallon of water	Apply every 21 days
Dogwood	Anthracnose	1 Tablespoon (1/2 oz.) per gallon of water	Apply every 14-28 days.

Douglas Fir	Needle Rust	3 Tablespoons (1 1/2 oz.) per gallon of water	Apply every 21 days
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Jeffrey Pine	Tip Blight	3 Tablespoons (1 1/2 fl. oz.) per gallon of water	Make the first application in mid-late winter (Nov. - Jan.) Apply every 2 months up to 3 times
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Oak	Leaf Spot	3 Tablespoons (1 1/2 fl. oz.) per gallon of water	Apply every 14 days
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<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Shasta Fir	Needle Rust	3 Tablespoons (1 1/2 fl. oz.) per gallon of water	Apply in May - June before disease occurs
Red Tip Photinia	Leafspot	3 Tablespoons (1 1/2 fl. oz.) per gallon of water	Apply every 14 days

NON-BEARING FRUIT AND NUT TREES

General Directions

1. Non-bearing fruit and nut trees are those trees that will not produce fruit for at least one year after application of PPZ 1.55% HG.
2. Apply product to the point just when it begins to run off of the leaves.

<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Apple	Scab	1/2 Tablespoon (1/4 fl. oz.) per gallon of water	Start applications when leaves start growing in the spring and spray every 14 days
	Rust	1/2 Tablespoon (1/4 fl. oz.) per gallon of water	1/4 Tablespoon Make 3 applications beginning when buds just begin to break open. Apply at 7-day intervals.
	Powdery Mildew	1 Tablespoon (1/2) fl. oz.) per gallon of water	Start applications in early spring and spray every 14 days

<u>Plant</u>	<u>Disease</u>	<u>How Much to Apply</u>	<u>Comments</u>
Cherry	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gallon of water	Start applications in early spring and spray every 21 days
	Leaf Spot		
	Blossom Blight		
Citrus	Greasy Spot	4 Tablespoons (2 fl. oz.) per gallon of water	Apply June through August every 21 days
Peach, Plum Nectarine	Blossom Blight	1 Tablespoon (1/2 fl. oz.) gallon of water	Apply when blooms first appear and again after tree is in full bloom
Pecan	Scab	2 Tablespoons (1 fl. oz.) per gallon of water	Start applications at bud break and make 3 applications at 14-day intervals
	Powdery Mildew		
	Downy Spot		
	Zonate Leafspot		
	Fungal Leaf Scorch		
Walnut	Brown Spot	2 Tablespoons (1 fl. oz.) per gallon of water	Apply every 14 days
	Anthraco nose		

Storage and Disposal

Storage

Store in a cool dry place away from heat or open flame.

Disposal

Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

For minor spills, follow all precautions on this label and clean up immediately. In the event of an emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

WARN^{ING}

Causes substantial, but temporary eye injury. Do not get in eyes. Wear goggles or safety glasses when mixing this product. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Do not allow people or pets to contact treated areas until sprays are dry.

Statement of Practical Treatment

- If in eyes: Hold eyelids open and flush eyes with a steady, gentle stream of water. Get medical attention.
- 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.
- If inhaled: Move victim to fresh air.
- If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: If ingested, induce emesis or lavage stomach. Treat symptomatically.

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Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

Banner^R trademark of Ciba-Geigy Corporation
U.S. Patent No. 4,079,062

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EPA Est.

Ciba Crop Protection
Turf and Ornamental Products
Ciba-Geigy Corporation
Greensboro, NC 27419

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