



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 23, 2016

Adora Clark, Ph.D  
Federal Team Lead, Fungicides  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, N.C. 27419

Subject: Label Amendment – correct error in the signal word  
Product Name: PPZ 1.55% HG Fungicide  
EPA Registration Number: 100-773  
Application Date: June 22, 2016  
Decision Number: 518823

Dear Dr. Clark:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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

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with FIFRA section 6. If you have any questions, please contact Eleanor Thornton by phone at 703-305-6799, or via email at [Thornton.eleanor@epa.gov](mailto:Thornton.eleanor@epa.gov).



Shaja B. Joyner, Product Manager 20  
Fungicide-Herbicide Branch  
Registration Division 7505P

# PPZ 1.55% HG Fungicide

Active Ingredient:	
Propiconazole*:	1.55%
Other Ingredients:	98.45%
Total:	100.00%

\*CAS No. 60207-90-1

**KEEP OUT OF REACH OF CHILDREN.**

## WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements on back panel.

EPA Reg. No. 100-773

EPA Est.

SCP

One Pint (16 fl oz)  
One Quart (32 fl oz)

Net Contents

## Water-Based

- Broad-spectrum and systemic disease control on roses, flowers, home lawns, trees, and shrubs
- Controls brown patch, powdery mildew, black spot, rust, blights, scab, and more
- Contains Banner®
- Prevents and stops major diseases on roses, flowers, lawns, trees, and shrubs
- (Optional Language)Concentrate - Just mix with water and spray
- (Optional Language)For use in pressure type or hose-end sprayers
- (Optional Language for 32 oz package) Treats up to 2,666 square feet of lawn.
- (Optional language for 16 oz package) Treats up to 1,333 square feet of lawn
- Absorbed into the plant - Can't be washed off by rain or sprinklers after spray has dried
- Not affected by rain after spray has dried
- Systemic disease control
- Systemic Action - Can't be washed off by rain after spray has dried
- 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
- Encourages increased turf rooting
- Improves color in woody shrubs

## Prevents and stops . . .

- Black Spot
- Dollar Spot
- Rust
- Brown Patch
- Powdery Mildew
- Leaf Spot

. . . and more!

<b>FIRST AID</b>	
<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. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing.</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 a 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 by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 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 mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
Have the product container or label with you when calling a poison control center, doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>1-800-888-8372</b>	

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## **PRECAUTIONARY STATEMENTS**

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### **Hazards to Humans and Domestic Animals**

#### **WARNING/AVISO**

Causes substantial but temporary eye injury. Do not get in eyes, on skin or on clothing. Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

### **Environmental Hazards**

This pesticide is toxic to fish and shrimp. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**Questions or Comments?** Call 1-800-888-8372.

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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## **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.**

### **Use Restrictions**

Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.

Do not allow adults, children, or pets to enter the treated area until sprays have dried.

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## **PRODUCT INFORMATION**

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This water-based systemic fungicide effectively prevents and stops major diseases on roses, flowers, lawns, trees and shrubs.

### **USE TIPS**

- 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.
- 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.
- Do not apply this product to African violets, begonias, Boston ferns, or geraniums.
- If you need more information about lawn and ornamentals diseases, contact your local County Extension Service.



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## MIXING PROCEDURES

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Shake well before using. Apply only with a pump-up pressure sprayer, concentrate plus water-style, or a hose-end sprayer.

**NOTE:**                    ½ 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.

### **Pump-Up Sprayer**

1. Fill with required amount of water.
2. Add the amount of concentrate specified in the charts that follow.
3. Shake well before application.

### **Concentrate Plus Water Style Sprayer**

1. From the following chart, determine the amount of concentrate required.
2. Pour concentrate into sprayer jar to the required “fl oz” level.
3. Then add the required amount of water to the “gals.” level.
4. Replace sprayer top on jar and shake well before spraying.

### **Dial-Style Hose-End Sprayer**

1. Set sprayer on the “fl oz/gallon” level specified in the following chart.
2. Use only enough product for the area to be treated.
3. Close sprayer, attach to hose and apply product to lawn.

(For example: To treat a 1,000 sq ft lawn for powdery mildew, pour 12 fl oz into sprayer jar. Set sprayer dial at 3 fl oz per gallon.)

(Optional language for product sold in a HOSE-END SPRAYER package)  
HOSE-END SPRAYER: Easy to Use.

1. Make sure knob control is in the Off position. Shake well and attach to hose.

2. Turn water on at faucet, aim nozzle toward lawn or desired plant and turn control lever to ON to begin spraying.
3. When finished turn control lever to OFF position. Discharge residual water pressure by turning ON and OFF again.

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## APPLICATION INSTRUCTIONS

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### ROSES AND FLOWERS

#### Use 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.

Plant	Disease	Amount of Product	Comments
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.  <b>Note:</b> May not provide 100% control of black spot under severe conditions.
Calendula	Powdery Mildew	1 Tablespoon (1/2 fl oz) per gallon of water	Apply every 30 days.

<b>Plant</b>	<b>Disease</b>	<b>Amount of Product</b>	<b>Comments</b>
Carnation, Iris	Rust	1 Tablespoon (1/2 fl oz) per gallon of water	Apply every 10-14 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 water	Apply every 14 days.
Marigold	Leaf blight, Leaf spots	2 Tablespoons (1 fl oz) per gallon of water	Apply every 14 days.
Phlox, Zinnia	Powdery Mildew	1 Tablespoon (1/2 fl oz) per gallon of water	Apply every 10-14 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**

### **Use Directions**

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 ft long and 20 ft wide is 500 sq ft

### Established Lawns

Disease	Amount of Product	Comments
Brown Patch	5 fl oz in 1 gallon of water per 250 sq ft of lawn	If needed, repeat treatment every 10 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.
Fusarium Patch	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.
Necrotic Ring Spot	9 fl oz in 1 gallon of water per 250 sq ft of lawn	Apply in the fall and/or the early spring.
Red Thread, Pink Patch, 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.
Snowmold (Gray or Pink)	5 fl oz in 1 gallon of water per 250 sq ft of lawn	Apply twice in the fall prior to snow cover waiting 14 days between each application.
Spring Dead Spot	9 fl oz in 1 gallon of water per 250 sq ft of lawn	Apply when conditions are favorable for disease development.
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.
Take-All Patch	5 fl oz in 1 gallon of water per 250 sq ft of lawn	Apply twice in the fall (Sept. and Oct.) and twice in the spring (April and May).  Southern lawns also need to be treated twice in the summer (June – August).
Zoysia Patch	5 fl oz in 1 gallon of water per 250 sq ft of lawn	Make one application in the early fall prior to development of disease symptoms.

### New Seedlings

Amount of Product	Comments
5 fl oz in 2 gallons of water per 500 sq ft of lawn	Apply at the 2- to 3-leaf stage of growth for faster root development and top growth.

### TREES AND SHRUBS

#### Use Directions

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

Plant	Disease	Amount of Product	Comments
Ash	Powdery Mildew	3 Tablespoons (1 1/2 fl oz) per gallon of water	Apply every 21 days.
Azalea	Flower blight	1/2 Tablespoon (1/4 fl oz) per gallon of water	Apply when there is a 5% bloom and again at 70% bloom.
Crab Apple	Scab Rust	1/2 Tablespoon (1/4 fl oz) per gallon of water	Apply when buds just begin to break open.  For scab, apply every 14 days.  For rust, make 3 applications, beginning when buds just begin to break open. Apply at 7-day intervals.
	Powdery Mildew	1 1/2 Tablespoons (3/4 fl oz) per gallon of water	Apply every 14 days.

**Note:** Do not use fruit from treated crab apples for food purposes.

Crape Myrtle	Powdery Mildew	3 Tablespoons (1 1/2 fl oz) per gallon of water	Apply every 21 days.
Dogwood	Anthrachnose	1 Tablespoon (1/2 fl oz) per gallon of water	Apply every 14-28 days.

Douglas Fir Shasta Fir	Needle Rust	3 Tablespoons (1 1/2 fl oz) per gallon of water	For Douglas Fir, apply every 21 days.  For Shasta Fir, apply in May - June before disease occurs.
Hawthorn, Poplars	Rust	1/2 Tablespoon (1/4 fl oz) per gallon of water	Apply every 14 to 21 days.
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.
Juniper	Blight	1 Tablespoon (1/2 fl oz) per gallon of water	Apply every 14 to 21 days.
Lilac	Powdery Mildew	3 Tablespoons (1 1/2 fl oz) per gal of water	Apply every 21 days.
Oak Red Tip Photinia	Leaf Spot	3 Tablespoons (1 1/2 fl oz) per gallon of water	Apply every 14 days.
Pines	Conifer Blights	3 Tablespoons (1 1/2 fl oz) per gallon of water	Apply every 14 to 21 days.
Pyracantha	Leaf Spot	1/2 Tablespoon (1/4 fl oz) per gallon of water	Apply every 14 to 21 days.
Rhododendron	Flower Blight	1/2 Tablespoon (1/4 fl oz) per gallon of water	Apply when there is a 5% bloom and again at 70% bloom.

## NON-BEARING FRUIT AND NUT TREES

### Use Directions

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

Plant	Disease	Amount of Product	Comments
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	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.
Citrus	Greasy Spot	4 Tablespoons (2 fl oz) per gallon of water	Apply June-August every 21 days.
Pecan	Scab Powdery Mildew Downy Spot Zonate Leafspot Fungal Leaf Scorch Brown Spot	2 Tablespoons (1 fl oz) per gallon of water	Start applications at bud break and make 3 applications at 14-day intervals.
Walnut	Anthraco nose	2 Tablespoons (1 fl oz) per gallon of water	Apply every 14 days.

## BEARING FRUIT AND NUT TREES

<p>Apricots, Cherries, Nectarines, Peaches, Plums and Prunes</p>	<p>Brown Rot Blossom blight, Powdery Mildew, Cherry Leaf Spot and Fruit Brown Rot</p>	<p>2 Tablespoon (1 fl oz) per gallon of water</p>	<p>Start applications in early spring and spray every 21 days, making no more than 4 applications.</p>
<p><b>Do not apply to “Stanley” type plums.</b></p>			

## SWEET CORN

<p>Sweet Corn</p>	<p>Leaf blights, Rust, Gray Leaf Spot and Eye Spot</p>	<p>2 Tablespoons (1 fl oz) per gallon of water</p>	<p>Apply when disease first appears and continue every 14 days, making no more than 4 applications.</p>
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### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

#### Pesticide Storage

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

#### Pesticide Disposal and Container Handling

**If empty:** Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or call 1-800-334-9481 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP

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