



# HONOR GUARD PPZ

## TURF & ORNAMENTAL FUNGICIDE

- Broad spectrum and systemic disease control for turf and ornamentals
- Contains 1.3 lbs. of active ingredient per gallon

### CONTROLS:

- Dollar Spot
- Brown Patch
- Powdery Mildew
- Rust

### ACTIVE INGREDIENT:

Propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-1,3-dioxolan-2-yl]Methyl]-

1H-1,2,4-triazole..... 14.3%

**INERT INGREDIENTS:**..... 85.7%

**TOTAL:** ..... 100.0%

EPA Reg. No. 66222-41-53883

EPA Est. No. 53883-TX-002



## 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 inside booklet for additional Precautionary Statements and Directions For Use.

A CONTROL SOLUTIONS INC. PRODUCT

NET CONTENTS: **1 PINT**



# HONOR GUARD PPZ

## TURF & ORNAMENTAL FUNGICIDE

**BROAD SPECTRUM AND SYSTEMIC DISEASE CONTROL FOR TURF AND ORNAMENTALS.**

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<b>TOTAL</b> .....	100.0%

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## KEEP OUT OF REACH OF CHILDREN

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*See inside booklet for additional  
Precautionary Statements and Directions For Use.*

Manufactured for:

**Control Solutions, Inc.**

5903 Genoa-Red Bluff • Pasadena, TX 77507-1041

## FIRST AID

<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 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 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 to 20 minutes.</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>• Immediately call a poison control center or doctor.</li><li>• Do not give any liquid to the person.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>

*(continued)*

## **FIRST AID** *(continued)*

### **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.

**Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.**

**NOTE TO PHYSICIAN:** There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs.

## **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING - AVISO**

Causes substantial, but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed, inhaled, or absorbed through the skin. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist.

## **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 wash water.

## **PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame.

## **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category **C** on an EPA chemical-resistance category selection chart.

### **Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), or Viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **ENGINEERING CONTROLS STATEMENT**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### **USER SAFETY RECOMMENDATIONS**

#### **User should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### **DIRECTIONS FOR USE**

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers can be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.**

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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### **AGRICULTURAL USE REQUIREMENTS**

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride (PVC), or Viton
- Shoes plus socks
- Protective eyewear

### **NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

**Do not enter treated areas without protective clothing until sprays have dried.**

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



## INFORMATION

Honor Guard PPZ is a systemic fungicide for use on turfgrasses for the control of dollar spot (*Sclerotinia homoeocarpa*), brown patch (*Rhizoctonia solani*), anthracnose (*Colletotrichum graminicola*), red thread (*Laetisaria fuciformis*), pink patch (*Limonomyces roseipellis*), rust (*Puccinia graminis*), powdery mildew (*Erysiphe graminis*), stripe smut (*Ustilago striiformis* and *Urocystis agropyri*), summer patch (*Magnaporthe poae*), necrotic ring spot (*Leptosphaeria korrae*), spring dead spot (*Leptosphaeria korrae*, *Leptosphaeria narmari*, *Ophiosphaerella herpotricha*, *Gaeumannomyces graminis*), take-all patch (*Gaeumannomyces graminis*), leafspot (*Bipolaris* spp., *Drechslera* spp.), gray leafspot (*Pyricularia grisea*), pink snowmold (*Microdochium nivale*), Fusarium patch (*Fusarium nivale*), gray snowmold (*Typhula* spp.), yellow patch (*Rhizoctonia cerealis*), and zoysia patch (*Rhizoctonia solani*).

Honor Guard PPZ also controls numerous diseases on ornamentals and other landscape and nursery plantings. It controls powdery mildews, rusts, leafspots, scabs, and blights. Refer to the appropriate section for specified diseases and plants.

Do not apply this product through any type of irrigation system.

When an adjuvant is to be used with this product, Control Solutions, Inc. suggests the use of a Chemical Producers and Distributors Association certified adjuvant.

## **MIXING INSTRUCTIONS**

Fill the spray tank 1/2 to 3/4 full with water. Add the proper amount of Honor Guard PPZ and then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

If Honor Guard PPZ is tank mixed with other products, use the following sequence:

1. Always check the compatibility of the tank mix using a jar test with proportionate amounts of Honor Guard PPZ, other chemicals to be used, and the water, before mixing in the spray tank.
2. Provide sufficient jet or mechanical agitation during filling and application to keep the tank mix uniformly suspended.
3. Fill tank at least 1/2 full of clean water.
4. Add wettable powders to the tank first, allowing them to completely suspend in the tank before proceeding. This process can be hastened by premixing the product in water before adding to the tank.
5. Add flowables or suspensions next.
6. Add Honor Guard PPZ next.
7. Add emulsifiable concentrates last.
8. Do not leave tank mix combinations in the spray tank for prolonged periods without agitation. Mix and apply them the same day.

## TANK MIXES

For broader spectrum control, Honor Guard PPZ can be tank mixed with other fungicides. For example, tank mix Honor Guard PPZ with Subdue® or use alone when conditions are favorable for Pythium blight. Honor Guard PPZ is also compatible with numerous herbicides and insecticides. Check compatibility before tank mixing. Add Unite (3 pts. per 100 gals.) to tank mixes which are incompatible. Follow the directions under **MIXING INSTRUCTIONS** for tank mixes. Observe all directions, precautions, and limitations on labeling of all products used in tank mixes. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

## TURFGRASS AND DICHONDRA DISEASE CONTROL

1. USE HONOR GUARD PPZ IN A PREVENTIVE DISEASE CONTROL PROGRAM.
2. Apply in sufficient water to ensure thorough coverage.
3. Apply after mowing **OR** allow sprayed area to completely dry before mowing.
4. For control of foliar diseases, allow sprayed area to completely dry before irrigation.
5. For control of soil-borne diseases, Honor Guard PPZ can be watered in after application.
6. Under conditions optimum for high disease pressure, use the higher rate and the shorter interval.

7. For optimum turf quality and disease control, use Honor Guard PPZ in conjunction with turf management practices that promote good plant health and optimum disease control.
8. Evaluate spray additives prior to use. Label directions are based on data obtained with no additives.
9. Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.
10. Do not apply more than 16 fl. oz. per 1,000 ft.<sup>2</sup>/calendar year nor apply more than 5.4 gals. of product per acre per calendar year.
11. Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.
12. Bermudagrass can be sensitive to Honor Guard PPZ. Do not exceed 4 fl. oz. per 1,000 sq. ft. every 30 days on any variety of bermudagrass. In Florida, do not apply Honor Guard PPZ to bermudagrass golf course greens when temperatures exceed 90°F.

## Turfgrass - Specific Diseases, Rates, and Application Timing

Disease	Fl. Oz. Per 1,000 Sq. Ft.	Fl. Oz. Per Acre	Application Interval/ Timing	Instructions
<b>Dollar Spot</b> <i>(Sclerotinia homoeocarpa)</i>	0.5	22	7 days	Apply when conditions are favorable for disease development.
	0.5	22	14 days	Tank mix with low label rate of one of the following fungicides: Daconil 2787 F Daconil Ultrex
	1	44	21-28 days	Tank mix with low label rate of one of the following fungicides: Daconil 2787 F Daconil Ultrex Chipco 26019

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Dollar Spot</b> ( <i>Sclerotinia homoeocarpa</i> )	1-2	44-88	14-28 days	If using the 1-2 fl. oz. per 1,000 sq. ft. rate without tank mixing, make no more than 3 consecutive applications for dollar spot control before rotating to an alternate EPA-registered fungicide having a different mode of action.
<b>Anthracnose</b> ( <i>Colletotrichum graminicola</i> )	1-2	44-88	14-28 days	Apply when conditions are favorable for disease development. When disease pressure is high, use higher rates of Honor Guard PPZ and shorter intervals. For broad spectrum control, tank mix with a registered contact fungicide at the label rate.  If disease is present, mix 2 fl. oz. of Honor Guard PPZ per 1,000 sq. ft. with the label rate of the above mentioned contact fungicides.

(continued)

Disease	Fl. Oz. Per 1,000 Sq. Ft.	Fl. Oz. Per Acre	Application Interval/ Timing	Instructions
<b>Brown Patch</b> <i>(Rhizoctonia solani)</i>	1-2	44-88	14-21 days	Begin applications in May or June before disease is present. Tank mix with a registered contact fungicide labeled for brown patch control at the label rate. Under conditions of high temperatures and high humidity, use the higher rates of Honor Guard PPZ and shorter intervals.
<b>Powdery Mildew</b> <i>(Erysiphe graminis),</i> <b>Rust</b> <i>(Puccinia graminis)</i>	1-2	44-88	14-28 days	Apply when conditions are favorable for disease development. If disease is present, use 2 fl. oz. of Honor Guard PPZ per 1,000 sq. ft.

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Red Thread</b> <i>(Laetisaria fuciformis)</i> , <b>Pink Patch</b> <i>(Limonomyces roseipellis)</i>	2	88	14-21 days	Apply when conditions are favorable for disease development.
<b>Stripe Smut</b> <i>(Ustilago striiformis)</i> <i>(Urocystis agropyri)</i>	1-2	44-88	Fall or Spring	Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow.
<b>Gray Leafspot</b> <i>(Pyricularia grisea)</i>	1-2	44-88	14 days	Apply when conditions are favorable for disease development. If using the 1 fl. oz. per 1,000 sq. ft. rate, tank mix with a registered contact fungicide at the label rate.

(continued)



<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<p><b>Melting out, Leaf Spot</b> (<i>Bipolaris</i> spp.) (<i>Drechslera</i> spp.)</p>	1-2	44-176	14 days	<p>Under light to moderate pressure, apply Honor Guard PPZ to reduce the severity of leaf spot and melting out caused by Helminthosporium-type pathogens. For broad spectrum disease control, tank mix the 1 fl. oz. Honor Guard PPZ rate with a registered contact fungicide at the label rate.</p> <p>Tank mix the 1-2 fl. oz. per 1,000 sq. ft. Honor Guard PPZ rate with a registered contact fungicide at the label rate.</p>

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Summer Patch, Poa Patch</b> <i>(Magnaporthe poae)</i>	2 4	88 176	14 days 28 days	Apply Honor Guard PPZ beginning in April. Use the 4 fl. oz. per 1,000 sq. ft. rate on a 28-day schedule and the 2 fl. oz. per 1,000 sq. ft. rate on a 14-day schedule.
<b>Take-All Patch</b> <i>(Gaeumannomyces graminis)</i>	2-4	88-176	Spring and Fall	Apply Honor Guard PPZ to reduce the severity of take-all patch. Make 1 to 2 fall applications in September and October or when night temperatures drop to 55°F, and 1 to 2 spring applications in April and May, depending on local recommendations.

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Spring Dead Spot</b> <i>(Leptosphaeria korrae,</i> <i>Leptosphaeria narmari,</i> <i>Ophiosphaerella</i> <i>herpotricha,</i> <i>Gaeumannomyces</i> <i>graminis)</i>	4	176	30 days	Make 1 to 3 applications. For one application, apply in September or October. For multiple applications, begin sprays in August.
<b>Necrotic Ring Spot</b> <i>(Leptosphaeria</i> <i>korrae)</i>	4	176	Fall or Spring	Apply in the fall and/or the early spring depending on local recommendations.

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Snowmold Gray</b> ( <i>Typhula</i> spp.) <b>Pink</b> ( <i>Microdochium nivale</i> )	2-4	88-176	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. For optimum disease control, tank mix Honor Guard PPZ at rates of 2 and 3 fl. oz. with either PCNB or chlorothalonil at label rates.
<b>Fusarium Patch</b> ( <i>Fusarium nivale</i> )	2-4	88-176	Fall- Early Spring	Apply when conditions are favorable for disease development.
<b>Yellow Patch</b> ( <i>Rhizoctonia cerealis</i> )	3-4	130-176	Late Fall	Apply one application in the late fall before snow cover. Do not apply on top of snow. If using a 3 fl. oz. per 1,000 sq. ft. rate, tank mix with a registered contact fungicide at the label rate.

(continued)

<b>Disease</b>	<b>Fl. Oz. Per 1,000 Sq. Ft.</b>	<b>Fl. Oz. Per Acre</b>	<b>Application Interval/ Timing</b>	<b>Instructions</b>
<b>Zoysia Patch,</b> large patch of zoysia ( <i>Rhizoctonia solani</i> )	3-4	130-176	Early Fall	Make one application in the early fall (mid-September to mid-October) prior to development of disease symptoms. Consult local turfgrass extension experts to determine the optimum application timing for your area.

#### **Dichondra - Specific Disease, Rates, and Application Timing**

<b>Dichondra Rust</b> ( <i>Puccinia dichondrae</i> )	2	88	14-21 days	Apply when conditions are favorable for disease development.
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### **Establishment of Cool Season Turfgrass**

Honor Guard PPZ provides control of many diseases of turf, and its primary use is as a fungicide for use against the diseases listed on this label. As an additional benefit, Honor Guard PPZ will improve the rate of establishment when it is applied to cool season grass seedlings or sod.

**New Seedlings:** Apply 1 fl. oz. per 1,000 sq. ft. at the 2- to 3-leaf stage of growth for faster root development and top growth.

**Sod:** Apply 1 fl. oz. per 1,000 sq. ft. 2-6 weeks before cutting for increased sod knitting and faster establishment after laying.

### **DISEASE CONTROL IN NURSERIES (FIELD) AND LANDSCAPE PLANTINGS**

1. USE HONOR GUARD PPZ IN A PREVENTIVE DISEASE CONTROL PROGRAM. To determine the use directions for controlling a disease on an ornamental plant species, select the plant species in Table 1. The number in parentheses following the plant species refers you to the disease(s) controlled in Table 2. Find the disease in Table 2. The letter in brackets following the disease refers you to the application regime in Table 3.
2. Allow spray to dry before overhead irrigation is applied.
3. Optimum benefit of Honor Guard PPZ is obtained when used in conjunction with sound disease management practices.

### **Instructions**

Use Honor Guard PPZ at rates of 2-24 fl. oz. per 100 gals. of water for control of diseases of ornamental plant species (see Tables 1, 2, and 3).

**Note:** You can apply up to 5.4 gals. of Honor Guard PPZ per acre per crop per calendar year.

For general disease control in landscapes, apply 6-8 fl. oz. per 100 gals. of water every 21 days. For best control, begin Honor Guard PPZ applications before disease development.

**Note:** Plant tolerances to Honor Guard PPZ have been found acceptable for the specific genera and species of plants listed under the DIRECTIONS FOR USE. In addition, crop tolerance to Honor Guard PPZ has been demonstrated (at a rate of 6-8 fl. oz. per 100 gals.) on the following ornamental plants: ajuga, Bartlett pear, bayberry, camelia, candy tuft, cotoneaster, elm, English ivy, euonymus, German statice, holly, hollyhock, impatiens, linden, lirioppe, magnolia, maples, peony, privet, raphiolepis, redbud, sweetgum, sycamore, tulip tree, vinca, and wax myrtle. Other plant species could be sensitive to Honor Guard PPZ and diseases other than those listed may not be controlled. Before using Honor Guard PPZ on ornamental plants or for diseases that are not listed in the DIRECTIONS FOR USE, test Honor Guard PPZ on a small-scale basis first. Do not apply Honor Guard PPZ to African violets, begonias, Boston fern, or geraniums. Apply the specified rates for a particular type of disease, i.e., rust, powdery mildew, etc., and evaluate for phytotoxicity and disease control prior to widespread use.

**Table 1. Ornamentals - Plant Species**

Numbers in parentheses refer to diseases controlled. See Table 2

**Herbaceous  
Ornamentals**

Calendula (4a)  
Carnation (5f)  
Chrysanthemum (2a)  
Delphinium (4a)  
Gomphrena (3a)  
Iris (5d)  
Marigold (3a)  
Monarda (4c)  
Phlox (4c)  
Snapdragon (5d)  
Sweet William (3k)  
(*Dianthus barbatus*)  
Zinnia (4c)

**Woody Ornamentals**

Amelanchier (4d)  
Ash (4c)  
Azalea (2c, 4b)  
Crabapple (3c, 3q, 4c, 5a)  
Crape Myrtle (4a)  
Dogwood (3h, 4c)  
Douglas Fir (5b)  
Hawthorn (5a)  
Juniper (1a)  
Lilac (4c)  
Oaks (3p)  
Pines (1b, 1c)  
Poplars (5b)  
Pyracantha (3o)  
Red Tip Photinia (3i)  
Rhododendron (2c, 3n)  
Roses (3g, 4e, 5c)  
(Outdoor Use Only)  
Shasta Fir (5e)

**Nonbearing Fruits and  
Nuts (Nurseries and  
Landscape Plantings)**

Apple (3q, 4d, 5a)  
Cherry (2b, 3d)  
Citrus (3m)  
Nectarine (2b)  
Peach (2b)  
Pecan (3b, 3c, 3f, 3l, 3n, 4e)  
Plum (2b)  
Walnut (3j)



## Table 2. Diseases

Letters in brackets refer to application regimes.  
See Table 3.

### 1. Conifer Blights

- a. *Phomopsis juniperovora* (Phomopsis Blight) [B]
- b. *Sirococcus strobolus* (Tip Blight) [D]
- c. *Sphaeropsis sapinea* (Diplodia Tip Blight) [B]

### 2. Flower Blight

- a. *Ascochyta chrysanthemi* (Ray Blight) [C]
- b. *Monilinia* spp. [A]
- c. *Ovulinia* spp. [B]

### 3. Leaf Blights/Spots

- a. *Alternaria* spp. [B]
- b. *Cercospora* spp. (Brown Leaf Spot) [C]
- c. *Cladosporium* spp. (Scab) [C]
- d. *Coccomyces hiemalis* [A]
- e. *Colletotrichum* spp. [B]
- f. *Cristulariella* spp. (Zonate leafspot) [C]
- g. *Diplocarpon rosae* (Blackspot) [B]
- h. *Discula* spp. (Anthracnose) [A]
- i. *Fabraea maculata*  
(syn. *Entomosporium maculata*) [B]
- j. *Gnomonia leptostyla* (Anthracnose) [C]
- k. *Heterosporium echinulatum* [B]
- l. *Mycosphaerella caryigena* (Downy Spot) [C]
- m. *Mycosphaerella fructicola* (Greasy Spot) [E]
- n. *Septoria* spp. (Leaf Scorch) [C]
- o. *Spilocaea pyracanthae* [B]
- p. *Tubakia dryina* [D]
- q. *Venturia inaequalis* (Scab) [A]

(continued)

4. Powdery Mildew
  - a. *Erysiphe* spp. [B]
  - b. *Microsphaera* spp. [C]
  - c. *Oidium* spp. [B]
  - d. *Podosphaera* spp. [B]
  - e. *Sphaerotheca pannosa* [B]
5. Rust
  - a. *Gymnosporangium juniperi-virginianae* [A]
  - b. *Melampsora occidentalis* [D]
  - c. *Phragmidium* spp. [B]
  - d. *Puccinia* spp. [B]
  - e. *Pucciniastrum goeppertianum* [D]
  - f. *Uromyces dianthi* [B]

### **Table 3. Application Regimes**

- [A] Mix 2-4 fl. oz. of Honor Guard PPZ in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply every 14-21 days during the period of primary infection. If disease is present, tank mix with an EPA-registered contact fungicide. For flower blight, apply Honor Guard PPZ when there is 5-10% bloom and again at 70-100% bloom. For dogwoods, apply the 2-4 fl. oz. rate every 14 days, or apply 8 fl. oz. of Honor Guard PPZ every 28 days.
- [B] Mix 5-8 fl. oz. of Honor Guard PPZ in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply as needed, beginning when conditions are favorable for disease development. For blackspot, apply with a registered contact fungicide labeled for black spot. For Calendula, apply every 30

days. For diplodia tip blight, make 3 applications every 14 days prior to major period of infection. For juniper phomopsis blight, make first application as soon as junipers start to grow, and repeat the applications every 14-21 days during periods of active growth.

[C] Mix 8-12 fl. oz. of Honor Guard PPZ in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply every 30 days beginning when conditions are favorable for disease development. For pecans, apply the 12 fl. oz. rate beginning at bud break. Apply 3 times on 14-day intervals. For walnut, apply 8.5 fl. oz. at 14- to 21-day intervals. For ray blight, apply 12 fl. oz. at 7-day intervals or 20 fl. oz. at 14-day intervals.

[D] Mix 16 fl. oz. of Honor Guard PPZ in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply every 14-28 days, beginning when conditions are favorable for disease development. For Douglas fir needle rust, apply once in May. For tip blight, initiate applications in mid-late winter, and apply 3 times at 2-month intervals.

[E] Mix 20-24 fl. oz. of Honor Guard PPZ in 100 gals. of water and apply as a full coverage spray to the point of drip. Apply during June to August time period.

Do not apply to apple, cherry, citrus, nectarine, peach, pecan, plum, or walnut trees that will bear harvestable fruit within 12 months.

## **STORAGE AND DISPOSAL**

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**CONTAINER DISPOSAL: Nonrefillable Container (five gallons or less):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

*(continued)*

## **STORAGE AND DISPOSAL** *(continued)*

**Nonrefillable Container (greater than five gallons):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Refillable Container:** Refillable container. Refill this container with propiconazole only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

## **STORAGE AND DISPOSAL** *(continued)*

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

## **LIMITATION OF WARRANTY AND LIABILITY**

Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the 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 Control Solutions, Inc. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc.'s election, the replacement of product.









## HONOR GUARD PPZ TURF & ORNAMENTAL FUNGICIDE

**BROAD SPECTRUM AND SYSTEMIC DISEASE  
CONTROL FOR TURF AND ORNAMENTALS.**

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Propiconazole: 1-[[2-(2,4-dichlorophenyl) -4-propyl-1,3-dioxolan-2-yl]Methyl]- 1H-1,2,4-triazole .....	14.3%
<b>INERT INGREDIENTS:</b> .....	85.7%
<b>TOTAL:</b> .....	100.0%

Honor Guard PPZ contains 1.3 lbs. of active  
ingredient per gallon.

### 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 inside booklet for additional  
Precautionary Statements and Directions For Use.*

Manufactured for:  
**Control Solutions, Inc.**  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

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