

# PrimeraONE™

## Propiconazole 14.3 Fungicide

BROAD SPECTRUM AND SYSTEMIC DISEASE  
CONTROL FOR TURF AND ORNAMENTALS

**ACTIVE INGREDIENT:** % BY WT.

Propiconazole: 1-[[2-(2,4-dichlorophenyl)-4-propyl-  
1,3-dioxolan-2-yl]Methyl]-1*H*-1,2,4-triazole . . . . . 14.3%

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

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

PrimeraOne Propiconazole 14.3 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 under-  
stand the label, find someone to explain it to you in detail.)

See inside booklet for complete Precautionary Statements,  
Directions for Use, and Conditions of Sale and Warranty.

### **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.

EPA 061605/Notif 060408/Rev A

Manufactured for FarmSaver.com, LLC • 4515 Falls of Neuse Road, Suite 300 • Raleigh, NC 27609

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DOC ID: 518929

ACCEPTED  
FOR REGISTRATION

JUN 19, 2009

New York State Department  
of Environmental Conservation  
Division of Solid & Hazardous Materials  
Pesticide Product Registration

EPA Reg. No. 66222-41-73220

225-8-06

**Net Contents:**

- 1 Gallon  
 2.5 Gallons

EPA Est. No. 37429-GA-001<sup>(BT)</sup>; 37429-GA-002<sup>(BO)</sup>  
Letter(s) in lot number correspond(s)  
to superscript in EPA Est. No.



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CONTROL FOR TURF AND ORNAMENTALS**

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225-8-02; 225-8-06

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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><b>DO NOT</b> give any liquid to the person.</li> <li><b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li><b>DO NOT</b> give anything by mouth to an unconscious person.</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>

(continued)

FIRST AID (continued)
<p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For medical emergencies involving this product call 1-800-308-5391.</b></p> <p><b>NOTE TO PHYSICIAN:</b> There is no specific antidote for this product. Induce emesis or lavage stomach, taking care to avoid aspiration of stomach contents into lungs.</p>

**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.

**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.

#### 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.

#### 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 may 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.

*(continued)*

**AGRICULTURAL USE REQUIREMENTS***(continued)*

**DO NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 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.

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.**

**GENERAL INFORMATION**

PrimeraOne Propiconazole 14.3 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*).

PrimeraOne Propiconazole 14.3 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, Makhteshim Agan of North America, 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 PrimeraOne Propiconazole 14.3 and then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

If PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3, 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 PrimeraOne Propiconazole 14.3 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, PrimeraOne Propiconazole 14.3 can be tank mixed with other fungicides. For example, Subdue may be tank mixed with PrimeraOne Propiconazole 14.3 or used alone when conditions are favorable for Pythium blight. PrimeraOne Propiconazole 14.3 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 PRIMERAONE PROPICONAZOLE 14.3 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, PrimeraOne Propiconazole 14.3 can be watered in after application.
6. Under conditions optimum for high disease pressure, use the higher rate and the shorter interval.

**TURFGRASS AND DICHONDRA DISEASE CONTROL** *(continued)*

7. For optimum turf quality and disease control, use PrimeraOne Propiconazole 14.3 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 sq. ft./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 PrimeraOne Propiconazole 14.3. **DO NOT** exceed 4 fl. oz. per 1,000 sq. ft. every 30 days on any variety of bermudagrass. In Florida, **DO NOT** apply PrimeraOne Propiconazole 14.3 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

**Turfgrass—Specific Diseases, Rates, and Application Timing** *(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> <i>(continued)</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>Anthraxnose</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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 per 1,000 sq. ft. with the label rate of the above mentioned contact fungicides.
<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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 per 1,000 sq. ft.

**Turfgrass—Specific Diseases, Rates, and Application Timing** *(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.
<b>Melting Out, Leaf Spot</b> <i>(Bipolaris spp.)</i> <i>(Drechslera spp.)</i>	1-2	44-176	14 days	Under light to moderate pressure, apply PrimeraOne Propiconazole 14.3 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. PrimeraOne Propiconazole 14.3 rate with a registered contact fungicide at the label rate. Tank mix the 1-2 fl. oz. per 1,000 sq. ft. PrimeraOne Propiconazole 14.3 rate with a registered contact fungicide at the label rate.

**Turfgrass—Specific Diseases, Rates, and Application Timing** *(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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 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.
<b>Spring Dead Spot</b> <i>(Leptosphaeria korrae,</i> <i>Leptosphaeria narmari,</i> <i>Ophiostoma phaeerella</i> <i>herpotricha,</i> <i>Gaeumannomyces 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 korrae)</i>	4	176	Fall or Spring	Apply in the fall and/or the early spring depending on local recommendations.

**Turfgrass—Specific Diseases, Rates, and Application Timing** *(continued)*

Disease	Fl. Oz. Per 1,000 Sq. Ft.	Fl. Oz. Per Acre	Application Interval/ Timing	Instructions
<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. <b>DO NOT</b> apply on top of snow. For optimum disease control, the 2 and 3 fl. oz. PrimeraOne Propiconazole 14.3 rates should be tank mixed 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. <b>DO NOT</b> 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.
<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**

Disease	Fl. Oz. Per 1,000 Sq. Ft.	Fl. Oz. Per Acre	Application Interval/ Timing	Instructions
<b>Dichondra Rust</b> ( <i>Puccinia dichondrae</i> )	2	88	14-21 days	Apply when conditions are favorable for disease development.

**Establishment of Cool Season Turfgrass**

PrimerOne Propiconazole 14.3 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, PrimerOne Propiconazole 14.3 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 PrimerOne Propiconazole 14.3 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 PrimerOne Propiconazole 14.3 is obtained when used in conjunction with sound disease management practices.

**General Recommendations**

PrimerOne Propiconazole 14.3 may be used 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 PrimerOne Propiconazole 14.3 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 PrimerOne Propiconazole 14.3 applications before disease development.

**Note:** Plant tolerances to PrimerOne Propiconazole 14.3 have been found acceptable for the specific genera and species of plants listed under the

**DIRECTIONS FOR USE.** In addition, crop tolerance to PrimerOne Propiconazole 14.3 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, liriope, magnolia, maples, peony, privet, raphiolepis, redbud, sweetgum, sycamore, tulip tree, vinca, and wax myrtle. Other plant species may be sensitive to PrimerOne Propiconazole 14.3 and diseases other than those listed may not be controlled. Before using PrimerOne Propiconazole 14.3 on ornamental plants or for diseases that are not listed in the **DIRECTIONS FOR USE**, test PrimerOne Propiconazole 14.3 on a small-scale basis first. **DO NOT** apply PrimerOne Propiconazole 14.3 to African violets, begonias, Boston fern, or geraniums. Apply the recommended 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.**

<b>Herbaceous Ornamentals</b>	<b>Woody Ornamentals</b>	<b>Nonbearing Fruits and Nuts (Nurseries and Landscape Plantings)</b>
Calendula (4a)	Amelanchier (4d)	Apple (3q, 4d, 5a)
Carnation (5f)	Ash (4c)	Cherry (2b, 3d)
Chrysanthemum (2a)	Azalea (2c, 4b)	Citrus (3m)
Delphinium (4a)	Crabapple (3c, 3q, 4c, 5a)	Nectarine (2b)
Gomphrena (3a)	Crape Myrtle (4a)	Peach (2b)
Iris (5d)	Dogwood (3h, 4c)	Pecan (3b, 3c, 3f, 3i, 3n, 4e)
Marigold (3a)	Douglas Fir (5b)	Plum (2b)
Monarda (4c)	Hawthorn (5a)	Walnut (3j)
Phlox (4c)	Juniper (1a)	
Snapdragon (5d)	Lilac (4c)	
Sweet William (3k) ( <i>Dianthus barbatus</i> )	Oaks (3p)	
Zinnia (4c)	Pines (1b, 1c)	
	Poplars (5b)	
	Pyracantha (3o)	
	Red Tip Photinia (3i)	
	Rhododendron (2c, 3n)	
	Roses (3g, 4e, 5c) (Outdoor Use Only)	
	Shasta Fir (5e)	

**Table 2. Diseases**

Letters in brackets refer to application regimes.

See Table 3.

1. Conifer Blights
  - a. *Phomopsis juniperovora* (Phomopsis Blight) [B]
  - b. *Sirrococcus strobilinus* (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]

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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 every 28 days.
- [B] Mix 5-8 fl. oz. of PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 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 PrimeraOne Propiconazole 14.3 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. *(continued)*

**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. In the event of a major spill, fire, or other emergency, call Chemtec at 1-800-424-9300 day or night.

**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.

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