PROPICONAZOLE 1.3 ME
T&O
Fungicide

Broad spectrum and systemic disease control for turf and ornamentals

ACTIVE INGREDIENT:
Propiconazole (CAS No. 60207-90-1) .......................................... 14.3%
OTHER INGREDIENTS* ................................................. 85.7%
TOTAL: ...................................................................... 100.0%

PROPICONAZOLE 1.3 ME T&O contains a nominal 1.3 pounds of active ingredient per gallon.
*Contains xylene-range aromatic solvent.

EPA Reg. No. 42755-0250
EPA Est. No. 42755-MO-01

KEEP OUT OF REACH OF CHILDREN
CAUTION
Si usted no entiende la etiqueta, busque a alguien para que se lo explique a usted en detalle.

If you do not understand the label, find someone to explain it to you in detail.

IF SWALLOWED:
• Immediately call a poison control center or doctor.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:
• Wash off contaminated clothing.
• Wash skin immediately with plenty of water for 15-20 minutes.
• Call a poison-control center or doctor for treatment advice.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth. If possible.
• Call a poison-control center or doctor for further treatment advice.

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison-control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Contains xylene-range aromatic solvent. Warning may cause aspiration pneumonia. If ingested, vomit stomach to avoid aspiration. A detergent solution of charcoal and water can be left in the stomach. Give a saline enema and supportive therapy.

HOT LINE NUMBER
In case of a medical or transport emergency call CRRM/REC toll-free at 1-800-424-2000.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

See inside booklet for additional PRECAUTIONARY STATEMENTS and complete DIRECTIONS FOR USE.

Manufactured by:
ALBAUGH, INC.
1525 NE 36th Street
Ankeny, Iowa 50021

NET CONTENTS: 2.5 GALLONS

PROOF

THIS PROOF IS TO BE CHECKED FOR ACCURACY

Please review and approve Text, Spelling, Copy Placement, Size, Shape, Colors and Deadline.

Authorized signature accepts responsibility for accuracy of all copy, color break and artwork. Cimarron Label is not liable for any discrepancies subsequently identified.

PLEASE NOTE: Due to color variance between printers/monitors, the colors represented by this proof cannot be deemed accurate. Please refer to a color matching system such as the Pantone Matching System for a true representation of spot colors.

THIS PROOF IS NOT ACCURATE FOR COLOR-MATCH. Deline does not print.

Cimarron Label
Experts in Extended Text Labeling
4201 North Westport Ave., Sioux Falls, SD 57107
Phone: (605) 978-0451 • Fax: (605) 978-0463

DATE
JOB NUMBER
CUSTOMER

October 21, 2013
70866
ALBAUGH, INC.

LABEL SIZE
6.75" X 6.75"
LEAFLET FOLDED SIZE
6.5" X 6.0"
LEAFLET FLAT SIZE
6.5" X 29.687"

LABEL COLORS
LEAFLET "OUT" COLORS
LEAFLET "IN" COLORS

BLK
BLK
BLK

PATTERN VARNISH: YES NO

WE CANNOT PROCESS THIS ORDER WITHOUT AN AUTHORIZED SIGNATURE

Form: CS 006L - 11/8/311

ARTWORK IS APPROVED
REVISED PROOF NEEDED

February 13, 2017
Date

Signed
PROPICONAZOLE 1.3 ME T&O
Fungicide
Broad spectrum and systemic disease control for turf and ornamentals

ACTIVE INGREDIENT:
Propiconazole (CAS No. 92027-96-1) .......................................................... 14.3%
OTHER INGREDIENTS* .......................................................... 85.7%
TOTAL .......................................................... 100.0%
PROPICONAZOLE 1.3 ME T&O contains a nominal 1.3 pounds of active ingredient per gallon.
*Contains xylene-range aromatic solvent.
EPA Reg. No. 42756-252
EPA Est. No. 42756-MO-01

KEEP OUT OF REACH OF CHILDREN
CAUTION
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.)

FIRST AID
IF SWALLOWED:
• Immediately call a poison control center or doctor.
• Have person sip a glass of water if able to swallow.
• Do not induce vomiting unless told to do so by the poison control center or doctor.
• Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

IF INHALED:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
• Call a poison control center or doctor for further treatment advice.

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
• Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Contains xylene-range aromatic solvent. Vomiting may cause aspiration pneumonia. If ingested, induce stomach to avoid aspiration. A slurry of activated charcoal in water can be left in the stomach. Give a saline laxative and supportive therapy.

HOT LINE NUMBER
In case of a medical or transport emergency call CHEMTREC at 1-800-424-9300.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

See inside booklet for additional PRECAUTIONARY STATEMENTS and complete DIRECTIONS FOR USE.

Manufactured by:
ALBAUGH, INC.
1525 NE 36th Street
Ankeny, Iowa 50021
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if inhaled or absorbed through the skin. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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 F on an ERA chemical resistance category selection chart.

All handlers must wear:
- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

In addition, all handlers (mixers, loaders, and applicators, or individuals performing one or more of these tasks), who are applying this pesticide using hand-held equipment must wear:
- Long-sleeved shirt and long pants
- Shoes and socks
- Chemical-resistant gloves
- Chemical-resistant apron

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROL STATEMENTS

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

USER SAFETY RECOMMENDATIONS

Users should:
1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

CHEMIGATION

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

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.
NOTE: Do not apply more than 5.4 gallons of PROPICONAZOLE 1.3 ME T&D/A calendar year.
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 24 hours.

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
• Shoes and socks, and
• Chemical-resistant gloves made of any waterproof material

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.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in the original container in a cool place.

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 local State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recirculate. Shake for 10 seconds. Pour rinsates into application equipment or mix tank or store rinsates for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRODUCT INFORMATION

PROPICONAZOLE 1.3 ME T&O 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 (Leaethania ilicicola), pink patch (Limonosporum roseopolitan), rust (Puccinia graminis), powdery mildew (Erysiphe graminis), stripe smut (Ustilago stripeformis and U. nuda), summer patch (Magnaporthe poae), necrotic ring spot (Leptosphaeria koeie), spring dead spot (Leptosphaeria koeie, Leptosphaeria naxar), Aphosphorula herbatica, Gaeumannomyces graminis), take-all patch (Gaeumannomyces graminis), leaf spot (Bipolaris spp., Drechsellah spp.), gray leaf spot (Puccinia graminis), pink snowmold (Microdochium nivalis), Fusarium patch (Fusarium nivalis), gray snowmold (Taphula spp.), yellow patch (Rhizoctonia cerealis), and zoysia patch (Rhizoctonia solani).

PROPICONAZOLE 1.3 ME T&O also controls numerous diseases on ornamentals and other landscape and nursery plantings. It controls powdery mildews, rusts, leafhoppers, scabs, and blights. Refer to the appropriate section for specified diseases and plants. Do not apply by air.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed – do not apply at wind speeds greater than 15 mph.

Temperature Inversions – If applying at wind speed less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements – Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

Equipment – All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Do not apply with a nozzle height greater than 4 feet above the crop canopy.
MIXING INSTRUCTIONS

Fill the spray tank 1/2–3/4 full with water. Add the proper amount of PROPICONAZOLE 1.3 ME T&O, and then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

If PROPICONAZOLE 1.3 ME T&O 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 PROPICONAZOLE 1.3 ME T&O, 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 pre-mixing the product in water before adding to the tank.
5. Add flowables or suspensions next.
6. Add PROPICONAZOLE 1.3 ME T&O 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, PROPICONAZOLE 1.3 ME T&O can be tank mixed with other fungicides. For example, Subdue® may be tank mixed with PROPICONAZOLE 1.3 ME T&O or used alone when conditions are favorable for Pythium blight. PROPICONAZOLE 1.3 ME T&O is also compatible with numerous herbicides and insecticides. Check compatibility before tank mixing. Add Unilux® (3 pts./100 gals.) to tank mixes which are incompatible. Follow the directions under Mixing instructions for tank mixes. When tank mixing this product with other pesticides observe the more restrictive label limitations and precautions. No label dosage rates should be exceeded.

This product cannot be mixed with any product containing a label prohibition against such mixing. Do not combine PROPICONAZOLE 1.3 ME T&O in a sprayer tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination to be physically compatible, effective and non-injurious under your conditions of use.

TURFGRASS AND DICHONDRA DISEASE CONTROL

1. USE PROPICONAZOLE 1.3 ME T&O 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, PROPICONAZOLE 1.3 ME T&O 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 PROPICONAZOLE 1.3 ME T&O 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 or diagnosis of the disease 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. PROPICONAZOLE 1.3 ME T&O/per acre per calendar year.

IMPORTANT: Bermudagrass can be sensitive to PROPICONAZOLE 1.3 ME T&O. Do not exceed 4 fl. oz. product/1,000 sq. ft. every 30 days on any variety of bermudagrass. In FL, do not apply PROPICONAZOLE 1.3 ME T&O to Bermudagrass golf course greens when temperatures exceed 90°F.

NOTE: Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.

Turfgrass – Specific Diseases, Rates, and Application Timing

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>FL. Oz. PROPICONAZOLE 1.3 ME T&amp;O Per 1,000 Sq. Ft.</th>
<th>FL. Oz. PROPICONAZOLE 1.3 ME T&amp;O Per Acre</th>
<th>Application Interval/Timing</th>
<th>INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dollar Spot (Sclerotinia homoeocarpa)</td>
<td>0.5</td>
<td>22</td>
<td>7 days</td>
<td>Apply when conditions are favorable for disease development.</td>
</tr>
<tr>
<td></td>
<td>0.5</td>
<td>22</td>
<td>14 days</td>
<td>Tank mix with low label rate of a chlorothalonil product EPA-registered for use on turfgrass.</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>44</td>
<td>21–28 days</td>
<td></td>
</tr>
<tr>
<td></td>
<td>1–2</td>
<td>44–88</td>
<td>14–28 days</td>
<td>If using the 1–2 fl. oz./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.</td>
</tr>
</tbody>
</table>

(continued)
### Turfgrass – Specific Diseases, Rates, and Application Timing (cont.)

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>FL. Oz. PROPICONAZOLE 1.3 ME T&amp;O Per 1,000 Sq. Ft.</th>
<th>FL. Oz. PROPICONAZOLE 1.3 ME T&amp;O Per Acre</th>
<th>Application Interval/Timing</th>
<th>INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose (Coletocnchium graminicola)</td>
<td>1–2</td>
<td>44–88</td>
<td>14–28 days</td>
<td>Apply when conditions are favorable for disease development. When disease pressure is high, use higher rates of PROPICONAZOLE 1.3 ME T&amp;O 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 PROPICONAZOLE 1.3 ME T&amp;O per 1,000 sq. ft. with the label rate of the above-mentioned contact fungicides.</td>
</tr>
<tr>
<td>Brown Patch (Rheoctonia solani)</td>
<td>1–2</td>
<td>44–88</td>
<td>14–21 days</td>
<td>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 PROPICONAZOLE 1.3 ME T&amp;O and shorter intervals.</td>
</tr>
<tr>
<td>Powdery Mildew (Erysiphe graminis)</td>
<td>1–2</td>
<td>44–88</td>
<td>14–28 days</td>
<td>Apply when conditions are favorable for disease development. If disease is present, use 2 fl. oz. of PROPICONAZOLE 1.3 ME T&amp;O per 1,000 sq. ft.</td>
</tr>
<tr>
<td>Rust (Puccinia graminis)</td>
<td>2</td>
<td>88</td>
<td>14–21 days</td>
<td>Apply when conditions are favorable for disease development.</td>
</tr>
<tr>
<td>Red Thread (Leptosphaeria cuciformis)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pink Patch (Limosnomyces roseipalpis)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stripe Smut (Ustilago striiformis)</td>
<td>1–2</td>
<td>44–88</td>
<td>Fall or Spring</td>
<td>Apply once in the fall after grass becomes dormant or in the early spring before grass starts to grow.</td>
</tr>
<tr>
<td>Gray Leafspot (Pycnoria grisea)</td>
<td>1–2</td>
<td>44–88</td>
<td>14 days</td>
<td>Apply when conditions are favorable for disease development. If using the 1 fl. oz./1,000 sq. ft. rate, tank mix with a registered contact fungicide at the label rate.</td>
</tr>
<tr>
<td>Melting Out Leaf Spot (Bipolaris spp.)</td>
<td>1–2</td>
<td>44–176</td>
<td>14 days</td>
<td>Under light to moderate pressure, apply PROPICONAZOLE 1.3 ME T&amp;O to reduce the severity of leaf spot and melting out caused by Helminthosporium-type pathogens. For broad-spectrum disease control tank mix the 1–4 fl. oz./1,000 sq. ft. PROPICONAZOLE 1.3 ME T&amp;O rate with a registered contact fungicide at the label rate.</td>
</tr>
<tr>
<td>Summer Patch (Magnaaporta poae)</td>
<td>2</td>
<td>88</td>
<td>14 days</td>
<td>Apply PROPICONAZOLE 1.3 ME T&amp;O beginning in April. Use the 4 fl. oz./1,000 sq. ft. rate on a 26-day schedule and the 2 fl. oz./1,000 sq. ft. rate on a 14-day schedule.</td>
</tr>
<tr>
<td>Take-All Patch (Gaecummyces graminis)</td>
<td>2–4</td>
<td>88–176</td>
<td>Spring and Fall</td>
<td>Apply PROPICONAZOLE 1.3 ME T&amp;O to reduce the severity of take-all patch. Make 1–2 fall applications in September and October or when night temperatures drop to 65°F; and 1–2 spring applications in April and May, depending on local recommendations.</td>
</tr>
</tbody>
</table>
### Turfgrass – Specific Diseases, Rates, and Application Timing (cont.)

<table>
<thead>
<tr>
<th>DISEASE</th>
<th>FL. OZ. PROPICONAZOLE 1.3 ME T&amp;O Per 1,000 Sq. Ft.</th>
<th>FL. OZ. PROPICONAZOLE 1.3 ME T&amp;O Per Acre</th>
<th>Application Interval/ Timing</th>
<th>INSTRUCTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spring Dead Spot (Leptosphaeria korne, Leptosphaeria namarii, Ophiostoma asteri, Gliosporium graminis)</td>
<td>4</td>
<td>176</td>
<td>30 days</td>
<td>Apply in the fall and/or the early spring depending on local recommendations.</td>
</tr>
<tr>
<td>Necrotic Ring Spot (Leptosphaeria korne)</td>
<td>4</td>
<td>176</td>
<td>Fall or Spring</td>
<td>Apply in the fall and/or the early spring depending on local recommendations.</td>
</tr>
<tr>
<td>Snowmold</td>
<td>2–4</td>
<td>88–176</td>
<td>Late Fall</td>
<td>Apply one application in the late fall before snow cover. Do not apply on top of snow. For optimum disease control, the 2 and 3 fl. oz. PROPICONAZOLE 1.3 ME T&amp;O rates should be tank mixed with chlorothalonil at label rate.</td>
</tr>
<tr>
<td>Fusarium patch (Fusarium nivale)</td>
<td>2–4</td>
<td>88–176</td>
<td>Fall–Early Spring</td>
<td>Apply when conditions are favorable for disease development.</td>
</tr>
<tr>
<td>Yellow patch (Rhizoctonia cerealis)</td>
<td>3–4</td>
<td>130–176</td>
<td>Late Fall</td>
<td>Apply one application in the late fall before snow cover. Do not apply on top of snow. If using a 3 fl. oz./1,000 sq. ft. rate, tank mix with a registered contract fungicide at the label rate.</td>
</tr>
<tr>
<td>Zosia patch (Rhizoctonia solani)</td>
<td>3–4</td>
<td>130–176</td>
<td>Early Fall</td>
<td>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.</td>
</tr>
<tr>
<td>Dichondra Rust (Puccinia dichondrae)</td>
<td>2</td>
<td>88</td>
<td>14–21 days</td>
<td>Apply when conditions are favorable for disease development.</td>
</tr>
</tbody>
</table>

### ESTABLISHMENT OF COOL-SEASON TURFGRASS

PROPICONAZOLE 1.3 ME T&O 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, PROPICONAZOLE 1.3 ME T&O will improve the rate of establishment when it is applied to cool-season grass seedings or sod.

**New Seedlings:** Apply 1 fl. oz./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./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

USE PROPICONAZOLE 1.3 ME T&O 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.

Allow spray to dry before overhead irrigation is applied.

Optimum benefit of PROPICONAZOLE 1.3 ME T&O is obtained when used in conjunction with sound disease management practices.

### SPRAY APPLICATION INSTRUCTIONS

PROPICONAZOLE 1.3 ME T&O may be used at rates of 2–24 fl. oz. product/100 gals. water for control of diseases of ornamental plant species (see Tables 1, 2, and 3).

**NOTE:** For outdoor uses, you can apply up to 5.4 gallons of PROPICONAZOLE 1.3 ME T&O/acre/crop/calendar year.

For general disease control in landscapes, apply 6–8 fl. oz. product/100 gals. water every 21 days. For best control, begin PROPICONAZOLE 1.3 ME T&O applications before disease development.
NOTE: The specific genera and species of plants listed under the Directions for Use have been shown to tolerate applications of PROPICONAZOLE 1.3 ME T&O. In addition, the following ornamental plants have been shown to tolerate PROPICONAZOLE 1.3 ME T&O (at a rate of 6–8 fl oz/100 gal): ajuga, Bartlett pear, bayberry, camelia, candy tuft, cotonseeter, elm, English ivy, euonymus, German lattuce, holly, hollyhock, Impatiens, linden, lilope, magnolias, maples, peas, privet, raphidepsis, redbud, sweet gum, sycamore, tulip tree, vines, and wax myrtle. Other plant species may be sensitive to PROPICONAZOLE 1.3 ME T&O and diseases other than those listed may not be controlled. Before using PROPICONAZOLE 1.3 ME T&O on plants or for diseases that are not listed in the Directions for Use, test PROPICONAZOLE 1.3 ME T&O on a small-scale basis first. Do not apply PROPICONAZOLE 1.3 ME T&O to African violets, begonias, Boston ferns, 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.

<table>
<thead>
<tr>
<th>Herbaceous Ornamental</th>
<th>Woody Ornamental</th>
<th>Non-bearing Fruits and Nuts (Nurseries and Landscape Planting)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calendula (4a)</td>
<td>Adenanthier (4d)</td>
<td>Apple (2a, 4a, 5a)</td>
</tr>
<tr>
<td>Carnation (5f)</td>
<td>Ash (4c)</td>
<td>Cherry (2b, 3c)</td>
</tr>
<tr>
<td>Chrysanthemum (2a)</td>
<td>Azalea (2c, 4b)</td>
<td>Citrus (2m)</td>
</tr>
<tr>
<td>Delphinium (4a)</td>
<td>Crabapple (2c, 3a, 4c, 5a)</td>
<td>Nectarine (2b)</td>
</tr>
<tr>
<td>Gomphrena (3a)</td>
<td>Crape Myrtle (4a)</td>
<td>Peach (2f)</td>
</tr>
<tr>
<td>Iris (5d)</td>
<td>Dogwood (3a)</td>
<td>Pecan (3b, 3c, 3f, 3i, 3n, 4e)</td>
</tr>
<tr>
<td>Marigold (2a)</td>
<td>Douglas Fir (5b)</td>
<td>Plum (2b)</td>
</tr>
<tr>
<td>Monarda (4c)</td>
<td>Hawthorn (5g)</td>
<td>Walnut (5g)</td>
</tr>
<tr>
<td>Phlox (4c)</td>
<td>Juniper (1a)</td>
<td></td>
</tr>
<tr>
<td>Snapdragon (5d)</td>
<td>Lilac (4c)</td>
<td></td>
</tr>
<tr>
<td>Sweet William (3a)</td>
<td>Oak (5p)</td>
<td></td>
</tr>
<tr>
<td>(Dianthus barbatus)</td>
<td>Pines (1b, 2c)</td>
<td></td>
</tr>
<tr>
<td>Zinnia (4c)</td>
<td>Poplars (5b)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pyracantha (5c)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Red Tip Photinia (3)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Rhodoferox (3c, 3n)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Roses (3g, 4e, 5c) (Outdoor Use Only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shasta Fir (5a)</td>
<td></td>
</tr>
</tbody>
</table>

Table 2. Diseases
Letters in brackets refer to application regimes. See Table 3.

1. Conifer Blights
   a. Phromonalis juniperovora (Phromonalis Blight) [B]
   b. Simococcus sinobolus (Tip Blight) [B]
   c. Sphaeropsis sapinea (Dipodia Tip Blight) [B]

2. Flower Blight
   a. Ascophyta chrysanthemi (Ray Blight) [C]
   b. Monilia spp. [A]
   c. Ouvinae spp. [B]

3. Leaf Blights/Spot
   a. Alternaria spp. [B]
   b. Carosispora spp. (Brown Leaf Spot) [C]
   c. Cladosporium spp. (Scab) [C]
   d. Coccycrises kiliensis [A]
   e. Collectotrichum spp. [B]
   f. Cristula scaffa (Zonate leaf spot) [C]
   g. Diplocarpum rosea (Black spot) [B]
   h. Discile spp. (Anthracnose) [A]
   i. Fabraca maculate (fyn. Entomosporium maculate) [B]
   j. Gnomoniopsis leiptoglypha (Anthracnose) [C]
   k. Heterosporium ehrinchatum [B]
   l. Mycosphaerella canisprana (Downy Spot) [C]
   m. Mycosphaerella fructicola (Greasy Spot) [E]
   n. Septoria spp. (Leaf Scorch) [C]
   o. Spilota pyecanathes [B]
   p. Tabelia dynea [D]
   q. Venturia inaequalis (Scab) [A]
   r. Rhizoctonia Web Blight [B]

4. Powdery Mildew
   a. Erysiphe spp. [B]
   b. Microsphora spp. [C]
   c. Olum spp. [B]
   d. Podosthria spp. [B]
   e. Sphaerotheca pannosa [B]
   f. Phylactinia spp. [B]

5. Rust
   a. Gymnosporangium juniper-virginiae [A]
   b. Melampsora occidentalis [D]
   c. Phragmidium spp. [B]
   d. Puccinia spp. [B]
   e. Pucciniasstum gosspertianum [D]
   f. Uromyes dianthi [B]

*Not registered for use in California
Preparation of Injection Solution:
Dilute 10 mL of PROPICONAZOLE 1.3 ME T&O in up to 1 liter of water per inch DBH. Refer to the following table as an example of the amounts of PROPICONAZOLE 1.3 ME T&O and water to use. Use up to the amount indicated:

<table>
<thead>
<tr>
<th>DBH inches</th>
<th>Treatment Level (mL)</th>
<th>Water Volume (liters)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>50</td>
<td>5</td>
</tr>
<tr>
<td>10</td>
<td>100</td>
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</tr>
<tr>
<td>15</td>
<td>150</td>
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<td>35</td>
</tr>
<tr>
<td>40</td>
<td>400</td>
<td>40</td>
</tr>
</tbody>
</table>

(Use up the amount indicated)

Injection
For pressurized injections, with the outlet valve open, connect the tank to the inlet valve and begin pumping solution until all air bubbles come out of the outlet valve. Direct the solution into a container and return the solution to the tank. Shut off the outlet valve. Pressure tank to 20-30 psi. Check for leaks and gently tap in tee(s) if necessary. Maintain continuous pressure on the injection system until the full amount of solution is in the tree.

After injection is complete, remove injection tee(s) and leave drill holes unplugged. A water flush to clean the hole will assist with wound closure. Soil should be replaced around the tree. It is not necessary to treat the drill holes with wound paint or other sealing compounds.

Contact your local Extension agent for more details on tree injection. The injection system described is meant as an example; please refer to manufacturer's instructions when using other types of tree injection systems.

Retreatment
At the Initial Injection of PROPICONAZOLE 1.3 ME T&O, take notes on the level of disease in each tree. Reevaluate disease level in trees at 12-month intervals after treatment for the potential need for retreatment with PROPICONAZOLE 1.3 ME T&O. Preventive applications should be considered 12–26 months after the Initial injection. Trees in High disease risk areas or high value trees should be evaluated for possible retreatment 12 months after each treatment.

Follow application procedures described above for repeat injections; new drill holes will be needed for subsequent treatments.

OAK WILT: OAKS
Preventive and Therapeutic Treatment
Use 10 mL of PROPICONAZOLE 1.3 ME T&O in up to 1 liter of water per inch DBH. For very high disease pressure, 20 mL of PROPICONAZOLE 1.3 ME T&O per inch DBH may be used.

In the upper Midwest, treat oaks after June 15. Wounds in oaks in the upper Midwest between May 15 and June 15 attract insects that transmit the oak wilt pathogen.

Uninfected trees exhibiting less than 20% crown loss from oak wilt will have the best chance of responding to treatment by PROPICONAZOLE 1.3 ME T&O. Preventive application is more effective than therapeutic treatment. Trees in advanced stages of disease development may not respond to treatment.

Uninfected trees will generally absorb the full amount of PROPICONAZOLE 1.3 ME T&O/water solution within 2 hours when injected under pressure. Trees exhibiting specific symptoms or those symptomless trees immediately adjacent to a diseased tree should be considered infected. Symptomless trees separated by a primary live line from diseased trees may be at less risk of infection. Infected trees will absorb the material more slowly due to the vascular plugging caused by the disease. If the PROPICONAZOLE 1.3 ME T&O/water solution is not absorbed within 24 hours, the tree is considered high risk and has a poor chance of survival.

Refer to the Product Information section for details on retreatment.

LEAF DISEASE: CRABAPPLES
Preventive Treatment
Use 10 mL of PROPICONAZOLE 1.3 ME T&O in up to 1 liter of water per inch trunk diameter. For trees less than 10 inches trunk diameter, use 5 mL of PROPICONAZOLE 1.3 ME T&O per inch trunk diameter. Make applications when the trees are in full leaf and actively growing for control of the next season’s leaf disease development. Disease symptoms may not be reduced the year of application.

Refer to the Product Information section for details on retreatment.

Note: Do not use fruit from treated trees for food or feed purposes.

ANTHRACNOSE: SYCAMORE
Preventive Treatment
Use 10 mL of PROPICONAZOLE 1.3 ME T&O in up to 1 liter of water per inch DBH. For trees less than 10 inches DBH, use 6 mL of PROPICONAZOLE 1.3 ME T&O per inch DBH. Make applications when the trees are in full leaf and actively growing for control of the next season’s anthracnose development.

Refer to the Product Information section for details on retreatment.
DUTCH ELM DISEASE IN ELMS

Preventive and Therapeutic Treatment
Use 6–10 ml of PROPICONAZOLE 1.3 ME T&O in up to 1 liter of water per inch DBH. For very high disease pressure, 20 ml of PROPICONAZOLE 1.3 ME T&O per inch DBH may be used.

Notes:
1. Accurate diagnosis of Dutch elm disease is important since PROPICONAZOLE 1.3 ME T&O only provides control of Dutch elm disease in elms.
2. PROPICONAZOLE 1.3 ME T&O will be most effective when used in conjunction with other cultural practices recommended for management of Dutch elm disease (removal of dead elm trees, pruning of diseased tree limbs and branches, control of bark beetles, etc.).
3. Preventive applications can be made at 6–10 ml/inch DBH. The 6 ml rate should provide 24 months’ control and the 10 ml rate should provide 36 months’ control.
4. Therapeutic treatment in trees showing disease symptoms should be made at 10–20 ml/inch DBH. Retreatment may be needed every 12–36 months. Trees in advanced stages of disease development may not respond to treatment. For further information on the proper diagnosis and control of Dutch elm disease, consult your local extension agent. Refer to the Product Information section for details on retreatment.

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