87290-UNITED STATES

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12-02-2011

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

DEC 0 2 2011

Willowood, LLC % P. Luanne Pruett Pyxis Regulatory Consulting, Inc. 4110 136<sup>th</sup> St. NW Gig Harbor, WA 98322

Product Name:Willowood Propicon 3.6ECEPA Reg. No.:87290-7Subject:Your amendment dated November 10, 2011EPA Decision Number:454997

Dear Ms Pruett:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable.

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

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Shaja B. Jøyner Product Manager (20) Fungicide Branch Registration Division (7504P)

Enclosure

ACCEPTED DEC 0 2 2011

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# SUBLABEL A: AGRICULTURAL USES

#### Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 87290-7

# Willowood Propicon 3.6EC

Broad spectrum fungicide for control of plant, turf and ornamental diseases

Group 3 Fungicide

# **ACTIVE INGREDIENT:**

| Propiconazole*       |  |
|----------------------|--|
| OTHER INGREDIENTS**: |  |
| TOTAL:               |  |
| *CAS No. 60207-90-1  |  |

\*\*Contains petroleum distillates

Contains 3.6 lbs. of propiconazole 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.)

| La la Cardo                     | FIRST AID   |
|---------------------------------|---|
| If in eyes:                     | <ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 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>                                       |
| lf on skin or<br>clothing:      | <ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
| If swallowed:                   | <ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not give any liquid to the person.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul> |
| In inhaled:                     | <ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>                                   |
|                                 | HOT LINE NUMBER   |
| treatment. For<br>Center (NPIC) | ict container or label with you when calling a poison control center or doctor, or going for<br>emergency information concerning this product, call the National Pesticides Information<br>at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison<br>t 1-800-222-1222.       |

### NOTE TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

# EPA Reg. No. 87290-7

Manufactured for: Willowood, LLC 1600 NW Garden Valley Blvd. #130 Roseburg, OR 97471 EPA Est. No.

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# Net Contents:

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist. This product may cause sensitization reactions in certain individuals.

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical-resistant to this product are polyethylene or polyvinyl chloride. If you want more options, follow the instructions for category G 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 or viton
- Shoes plus socks
- Protective eyewear

# USER SAFETY REQUIREMENTS

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 exist, 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.

#### **Users should:**

# USER SAFETY RECOMMENDATIONS

- 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.
- 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. Do not apply directly to water, or 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 washwater or rinsate

# DIRECTIONS FOR USE

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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 in your State 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.

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 or viton
- Shoes plus socks
- Protective eyewear

# PRODUCT INFORMATION

Willowood Propicon 3.6EC is a broad spectrum fungicide recommended for the control of many important plant diseases.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

# USE PRECAUTIONS

Important: Do not use Willowood Propicon 3.6EC in greenhouses or as a tree injection.

#### **Rotational Crops**

To avoid possible illegal residues, do not plant any other crop intended for food, grazing, or any component of animal feed within 105 days of a Willowood Propicon 3.6EC application to the preceding crop, unless the second crop appears on this label. Alfalfa can be planted 75 days after the last Willowood Propicon 3.6EC application if the total application of propiconazole has not exceeded 0.22 lb a.i./A during the previous year.

#### **Integrated Pest Management**

Willowood Propicon 3.6EC should be integrated into an overall disease and pest management strategy (IPM) whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. Consult your local agricultural authorities for additional IPM strategies established for your area. Willowood Propicon 3.6EC may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

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# RESISTANCE MANAGEMENT

| Group 3 Fungicio |
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|------------------|

Willowood Propicon 3.6EC is in the Group 3 class fungicides. The mode of action of Willowood Propicon 3.6EC is as a demethylation inhibitor of sterol biosynthesis (DMI) which disrupts membrane synthesis by blocking demethylation. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per season. Willowood, LLC encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. Willowood Propicon 3.6EC should not be alternated or tank mixed with any fungicide to which resistance has already developed.

# SPRAY EQUIPMENT

Thorough coverage is necessary to provide good disease control.

To avoid spray drift, do not apply when conditions favor drift beyond the target areas. Avoid spray overlap, as crop injury may occur.

Air assisted or air blast sprayers move spray droplets into the canopy using a forced air stream. Set up the fan to deliver only enough air volume to penetrate the canopy and provide good coverage. Adjust deflectors or other aiming devices to direct spray only to the target area.

Equip sprayers with nozzles that provide accurate and uniform application. Be certain that nozzles are the same size and uniformly spaced across the boom. Calibrate sprayer before use.

Use a pump with capacity to: (1) maintain 35-40 psi at nozzles, and (2) provide sufficient agitation in tank to keep mixture in suspension – this requires recirculation of 10% of tank volume per minute. Use a jet agitator or liquid sparge tube for agitation. Do not air sparge.

Although Willowood Propicon 3.6EC is an emulsifiable concentrate, it is suggested that screens be used to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturer's and state recommendations. For specific local directions and spray schedules, consult the current state agricultural recommendations.

# MIXING INSTRUCTIONS

Prepare no more spray mixture than is required for the immediate operation. Thoroughly clean spray equipment before using this product. Agitate the spray solution before and during application. Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

**Willowood Propicon 3.6EC Alone:** Add ½ -⅔ of the required amount of water to the spray or mixing tank. With the agitator running, add the Willowood Propicon 3.6EC to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the Willowood Propicon 3.6EC has completely dispersed into the mix water. Maintain agitation until all of the mixture has been sprayed.

**Willowood Propicon 3.6EC + Tank Mixtures:** Willowood Propicon 3.6EC is usually compatible with all tank mix partners listed on this label. To determine the physical compatibility of Willowood Propicon 3.6EC with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1 qt. of water. Add wettable powders and water dispersible granular products first, the liquid flowables, and emulsifiable concentrates last. After thoroughly mixing, let stand for at least 5 minutes. If

the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Add ½-¾ of the required amount of water to the spray or mixing tank. With the agitator running, add the tank mix partner into the tank. Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and the Willowood Propicon 3.6EC to the spray tank. Allow the Willowood Propicon 3.6EC to completely disperse. Spray the mixture with the agitator running.

If using Willowood Propicon 3.6EC in a tank mixture, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank mix product label. No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed. This product may not be mixed with any product which prohibits such mixing. Tank mixtures or other applications of products referenced on this label are permitted only in those states in which the referenced products are registered.

Do not mix Willowood Propicon 3.6EC with Syllit® or crop injury may result.

# **APPLICATIONS INSTRUCTIONS**

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply in a manner that will result in exposure to humans or animals.

**Ground Application:** For tree crops, apply in a minimum of 50 gallons of water per acre unless specified otherwise. For other crops, apply a minimum of 10 gallons of water per acre unless specified otherwise.

**Aerial Application:** For tree crops, apply in a minimum of 10 gallons of water per acre unless specified otherwise. For other crops, apply in a minimum of 2 gallons of water per acre unless specified otherwise.

**Application Through Irrigation Systems (Chemigation):** Apply Willowood Propicon 3.6EC through irrigation equipment only to crops for which chemigation is specified on this label.

For chemigation, apply 0.1-0.25 inches of water. Chemigation with excessive water may lead to a decrease in efficacy.

Willowood Propicon 3.6EC, alone or in combination with other pesticides which are registered for application through irrigation systems, may be applied through irrigation systems. Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. Do not connect an irrigation system (including green house systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

**Notes:** Do not inject Willowood Propicon 3.6EC at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part Willowood Propicon 3.6EC. Willowood Propicon 3.6EC is corrosive to many seal materials. Leather seals are best. EPDM or silicone rubber seals can be used, but should be replaced once a year. Do not use Viton, Buna-N, Neoprene, or PVC seals.

# **Operating Instructions**

- The system must contain a functional check-valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check-valve to prevent the flow of fluid back toward the injection pump.
- 3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to

prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

- 4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- 6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- 7. Do not apply when wind speed favors drift beyond the area intended.

# **Center Pivot Irrigation Equipment**

**Notes:** (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Willowood Propicon 3.6EC through center pivot systems because of non-uniform application.

- Determine the size of the area to be treated.
- Determine the time required to apply 1/8-1/2 inch of water over the area to be treated when the system and injection equipment are operated at normal pressures as recommended by the equipment manufacturer. When applying Willowood Propicon 3.6EC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Willowood Propicon 3.6EC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Propicon 3.6EC and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Willowood Propicon 3.6EC solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Willowood Propicon 3.6EC solution has cleared the sprinkler head.

# Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20 to 30minute interval. When applying Willowood Propicon 3.6EC through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Willowood Propicon 3.6EC required to treat the area covered by the irrigation system.
- Add the required amount of Willowood Propicon 3.6EC into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop the injection equipment after treatment is completed. Continue to operate the system until the Willowood Propicon 3.6EC solution has cleared the last sprinkler head.

# SPECIFIC DIRECTIONS FOR USE

| Crop    | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|---------|--|----------------------------------|---|
| Almonds | Brown Rot Blossom Blight<br>(Monilinia laxa M. fructicola) | 4-8                              | Apply Willowood Propicon 3.6EC at<br>5-10% bloom and 50-100% bloom.<br>Under severe disease conditions,<br>use the highest rate. Minimum<br>retreatment interval is 7 days. |
|         | Anthracnose<br>(Collectotrichum acutatum)                  | 8                                | Apply Willowood Propicon 3.6EC<br>beginning at bud break on a 7-14<br>day interval.   |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground or aerial application (a minimum of 15/gal/A).

# **Specific Use Restrictions:**

(1) Do not apply more than 32 fl. oz./A /season of Willowood Propicon 3.6EC.

- (2) Do not apply more than 0.90 lb a.i. propiconazole containing product/A/season.
- (3) Do not apply within 60 days of harvest.

(4) Do not graze livestock in treated areas or cut treated cover crop for feed.

| Сгор                    | Target Disease  | Use Rate<br>fl. oz.<br>product/A                                   | Remarks  |
|-------------------------|---|--|--|
| Banana and<br>Plantains | Black Sigatoka<br>( <i>Mycosphaerella fijiensis</i> )   | 3  | Apply Willowood Propicon 3.6EC<br>before disease symptoms appear at<br>the onset of rainy season. Apply 3<br>fl. oz. of Willowood Propicon<br>3.6EC/A in 10-20 gallons of<br>water/A. Apply no more than 2<br>consecutive applications on a 21-25<br>day schedule before rotating to<br>another labeled product with a<br>different mode of action for at least<br>2 sprays. A maximum of 8<br>applications can be made. If<br>possible, it is recommended to have<br>at least 2 consecutive months<br>"triazole free" during the period of<br>lower disease pressure. |
|                         | the spray tank and mix<br>3. Add water to the spray<br><b>Oil Alone</b><br>1. Add crop oil to the spray | 6 fl. oz./gal. of<br>thoroughly for<br>tank and mix th<br>ay tank. |  |

**Specific Use Restrictions:** 

- (1) Do not apply Willowood Propicon 3.6EC within 100 yards of non-bagged bananas.
- (2) Do not apply Willowood Propicon 3.6EC on bananas unless they are protected by polyethylene bags.
- (3) Do not apply Willowood Propicon 3.6EC on plantains if the fruit present are not protected with polyethylene bags.
- (4) Do not apply more than 24 fl. oz. per acre of Willowood Propicon 3.6EC during each growing season (this includes any pre-harvest sprays).
- (5) Do not feed whole bananas and plantains to animals.
- (6) Do not apply more than 0.67 lb a.i. propiconazole containing product/A/season.

| Crop          | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|---------------|---|----------------------------------|--|
| Beets, garden | Leaf Spot<br>(Cercospora beticola)<br>Powdery Mildew<br>(Erysiphe polygoni) | 3-4                              | Begin applications at first sign of<br>disease. Repeat on a 14-day<br>interval. Make no more than 2<br>consecutive applications before<br>rotating to another registered<br>fungicide with a different mode of<br>action.<br>If disease levels continue to<br>increase, immediately switch to a<br>fungicide with a different mode of<br>action. |

# **Specific Use Restrictions:**

(1) Do not apply more than 16 fl. oz./A /season of Willowood Propicon 3.6EC.

- (2) Do not apply within 14 days of harvest.
- (3) Do not apply more than 0.45 lb a.i. propiconazole containing product/A/season.

| Сгор  | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|---|---|----------------------------------|---|
| Berries*<br>*Bushberries,<br>Bingleberry,<br>Blackberry,<br>Blueberry,<br>Boysenberry,<br>Currants, | Mummyberry Disease<br>(Monilinia<br>vaccinicorymbosi)                       | 6                                | Make first application of Willowood<br>Propicon 3.6EC beginning at green tip<br>and repeat in 7-10 days. If conditions<br>are favorable for disease development,<br>additional applications may need to be<br>made at pink bud and repeating every<br>7-10 days through petal fall. |
| Dewberry,<br>Elderberry,<br>Gooseberry,<br>Huckleberry<br>*Caneberries                              | Leaf Spot and Stem<br>Canker<br>( <i>Septoria</i><br><i>albopuncatata</i> ) | 6                                | Apply when conditions favor disease<br>development. Repeat applications on a<br>4-week spray interval.  |
| Loganberry,<br>Lowberry,<br>Marionberry,  | Rust<br>(Pucciniastrum vaccinii)  |                                  |   |

| Crop   | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|--|--|----------------------------------|--|
| Olalieberry,<br>Red and Black<br>Raspberry,<br>Youngberry<br>Juneberry | Leaf and Cane Spot<br>( <i>Septoria rubi</i> )               | 6                                | Apply as a delayed dormant spray after<br>training in the spring. Repeat this<br>application in the late spring, again at<br>bud break, and again once flowering<br>has begun.     |
| Lingonberry<br>Salal   | Powdery Mildew<br>( <i>Microsphaera</i><br><i>vaccinii</i> ) | 6                                | Apply Willowood Propicon 3.6EC at 5-<br>10% bloom. Repeat this application at<br>full bloom and on a 14-day interval while<br>conditions are favorable for disease<br>development. |
| And cultivars<br>and/or hybrids<br>of these.                           | Leaf Spot<br>( <i>Septori</i> a spp.)                        | 6                                | Make first application any time prior to<br>bloom and again after petal fall. If<br>needed, repeat application just after<br>harvest.  |

rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground (a minimum of 5 gal/A) or aerial application (a minimum of 15 gal/A).

Specific Use Restrictions:

- 1) Do not apply more than 30 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 30 days of harvest.
- 3) Do not apply more than 0.84 lb. a.i. propiconazole containing product/A/season.

| Crop    | Target Disease   | Use Rate<br>fl. oz. product/A                              | Remarks   |
|---------|--|--|---|
| Carrots | Leaf Blights<br>(Cercospora carotae)<br>(suppression of Alternaria<br>dauci) | 4  | Apply 4 oz. of Willowood Propicon<br>3.6EC when conditions favor disease<br>development. Continue applications or<br>a 7-10 day interval, using the shorter<br>interval when disease conditions are<br>severe. If desired, a spreader/sticker<br>may be used. |
|         | Powdery Mildew<br>(Erysiphe polygoni)  | Willowood<br>Propicon 3.6EC<br>plus<br>chlorothalonil<br>2 | Apply 2 oz. of Willowood Propicon<br>3.6EC with 0.75 lb. a.i. of<br>chlorothalonil/A (1 pint Bravo<br>WeatherStik). Begin applications when<br>conditions favor disease development.<br>Continue applications on a 7-10 day<br>interval.                      |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground (a minimum of 15 gal/A) or aerial application (a minimum of 5 gal/A).

# Specific Use Restrictions:

- 1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 14 days of harvest.
- 3) Do not apply more than 0.45 lb. a.i. propiconazole containing product/A/season.

| Сгор                                    | Target Disease                                    | Use Rate<br>fl. oz. product/A | Remarks  |
|---|---|-------------------------------|--|
| Celery and Leaf<br>Petioles<br>subgroup | Early Blight<br>(Cercospora apii)                 | 4                             | Apply Willowood Propicon 3.6EC on a 7<br>day schedule, either by ground or aeria<br>application. If desired, Willowood |
| Celery                                  | Late Blight                                       |                               | Propicon 3.6EC may be mixed wit appropriate spreader/sticker.  |
| Celery, Chinese                         | (Septoria apicola)                                |                               |  |
| Cardoon                                 |   |                               |  |
| Celtuce                                 |   |                               |  |
| Fennel, Florence                        |   |                               |  |
| Rhubarb                                 |   |                               |  |
| Swiss Chard                             |   |                               |  |
| rainfall. For best                      | results, sufficient wat<br>a 3.6EC may be applied | er volume should b            | hen applied and allowed to dry befo<br>be used to provide thorough cover<br>minimum of 10 gal/A) or aerial applica     |

- Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
   Do not apply within 14 days of harvest.
   Do not apply more than 0.45 lb. a.i. propiconazole containing product/A/season.

| Crop   | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|--|---|----------------------------------|---|
| Cereals<br>Wheat<br>See next<br>section<br>for other<br>cereals. | Early Season Suppression of:<br>Powdery Mildew<br>(Blumeria spp., Erysiphe spp.)<br>Leaf Blight<br>(Septori tritici)<br>Glume Blotch<br>(Stagonospora nordorum)<br>Tan Spot<br>(Pyrenophora tritici-repentis) | 2-4                              | Apply Willowood Propicon 3.6EC in the<br>spring. Follow up with a second<br>application up to Feekes growth stage<br>10.5 for season long control.<br>Applications may be made no closer<br>than a 14-day interval.   |
|  | Control of Leaf Diseases:<br>Rust<br>( <i>Puccinia</i> spp.)<br>Powdery Mildew<br>( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.)   | 4                                | Protecting the flag leaf is important for<br>maximizing the potential yield. Highest<br>yields are normally obtained when<br>Willowood Propicon 3.6EC is applied<br>when the flag leaf is 50% to fully<br>emerged.<br>Applications may be made no closer<br>than a 14-day interval. The use of oil- |

| Сгор | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|------|--|----------------------------------|---|
|      | Leaf Blight<br>(Septoria tritici)<br>Glume Blotch<br>(Stagonospora nordorum)<br>Tan Spot<br>(Pyrenophora tritici-repentis)<br>Helminthosporium Leaf Blight<br>(Drechsiera tritici-repentis)<br>Spot Blotch<br>(Bipolaris sorokiniana)<br>Net Blotch<br>(Pyrenophora teres) |                                  | base adjuvant may improve the spray<br>coverage and canopy penetration.<br>Willowood Propicon 3.6EC can be<br>applied through full head emergence<br>(Feekes growth stage 10.5). Do no<br>apply after this stage to avoid possible<br>illegal residues. |
|      | Foot Rot<br>( <i>Pseudocercosporella</i> spp.)   | 4                                | Apply Willowood Propicon 3.6EC plus<br>half rates of other EPA registered<br>fungicides such as Topsin <sup>®</sup> M. Apply a<br>tillering, but before elongation has<br>occurred.   |
|      | Fusarium Head Blight<br>Suppression  | 4                                | Apply Willowood Propicon 3.6EC at<br>approximately 50% flowering. Addition<br>of penetrating type of adjuvant may<br>increase Fusarium head blight<br>suppression.  |

- Do not apply within 30 days of harvest for forage or hay.
   Do not apply more than 8 fl. oz./A/season of Willowood Propicon 3.6EC.
   Do not apply more than 4 fl. oz./A/season of Willowood Propicon 3.6EC if forage or hay will be harvested.
- 4) Do not apply more than 0.22 lb. a.i. propiconazole containing product/A/season.
  5) Do not apply after Feekes 10.5 in wheat.

|   |  | Use Rate             |  |  |
|---|--|----------------------|--|--|
| Crop  | Target Disease   | fl. oz.<br>product/A | Remarks  |  |
| Cereals<br>Barley<br>Rye<br>Triticale<br>Oats | Early Season Suppression of:Powdery Mildew(Blumeria spp., Erysiphe spp.)Leaf Blight(Septoria tritici)Glume Blotch(Stagonospora nordorum)Tan Spot(Pyrenophora tritici-repentis)   | 2-4                  | Apply Willowood Propicon 3.6EC in the<br>spring. Follow up with a second<br>application up to Feekes growth stage<br>10.5 for season long control.<br>Applications may be made no closen<br>than a 14-day interval.  |  |
|   | Control of Leaf Diseases:<br>Rust<br>( <i>Puccinia</i> spp.)<br>Powdery Mildew<br>( <i>Blumeria</i> spp., <i>Erysiphe</i> spp.)<br>Leaf Blight<br>( <i>Septoria tritici</i> )<br>Glume Blotch<br>( <i>Stagonospora nordorum</i> )<br>Tan Spot<br>( <i>Pyrenophora tritici-repentis</i> )<br>Helminthosporium Leaf Blight<br>( <i>Drechslera tritici-repentis</i> )<br>Helminthosporium Leaf Blight<br>( <i>Drechslera tritici-repentis</i> )<br>Spot Blotch<br>( <i>Bipolaris sorokiniana</i> )<br>Barley Scald<br>( <i>Rhynchosporium secalis</i> )<br>Barley Stripe<br>( <i>Pyrenophora graminea</i> )<br>Net Blotch<br>( <i>Pyrenophora teres</i> ) | 4                    | Protecting the flag leaf is important for<br>maximizing the potential yield. Highest<br>yields are normally obtained when<br>Willowood Propicon 3.6EC is applied<br>when the flag leaf is 50% to fully<br>emerged.<br>Applications may be made no closer<br>than a 14-day interval. The use of oil-<br>base adjuvant may improve the spray<br>coverage and canopy penetration.<br>Willowood Propicon 3.6EC can be<br>applied up to 45 days prior to harvest. |  |
|   | Foot Rot<br>( <i>Pseudocercosporella</i> spp.)   | 4                    | Apply Willowood Propicon 3.6EC plus<br>half rates of other EPA registered<br>fungicides such as Topsin <sup>®</sup> M. Apply at<br>tillering, but before elongation has<br>occurred.   |  |
|   | Fusarium Head Blight<br>Suppression  | 4                    | Apply Willowood Propicon 3.6EC at approximately 50% flowering. Addition  |  |

|               |                                 | of penetrating type of adjuvant may<br>increase Fusarium head blight<br>suppression.  |
|---------------|---------------------------------|---|
| rainfall. For |                                 | s most effective when applied and allowed to dry before a<br>r volume should be used to provide thorough coverage.<br>by ground, air, or chemigation. |
|               | t apply within 30 days of harve | est for forage or hay.  |

- 2) Do not apply more than 8 fl. oz./A/season of Willowood Propicon 3.6EC.
- 3) Do not apply more than 4 fl. oz./A/season of Willowood Propicon 3.6EC if forage or hay will be harvested.
- 4) Do not apply more than 0.22 lb. a.i. propiconazole containing product/A/season.
- 5) Do not apply within 45 days of harvest for grain and straw or for cereals other than wheat.

| Calamondin<br>Citron<br>Citrus<br>hybrids<br>Grapefruit<br>Kumquat<br>Lemon<br>Lime<br>Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma | Spot<br>osphaerella citri) | 6-8           | Begin applications in June. Apply on 30<br>day interval through August.  |
|--|----------------------------|---------------|--|
| Citrus<br>hybrids<br>Grapefruit<br>Kumquat<br>Lemon<br>Lime<br>Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma                         |                            |               |  |
| Kumquat<br>Lemon<br>Lime<br>Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma  |                            |               |  |
| Lemon<br>Lime<br>Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma   |                            |               |  |
| Lime<br>Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma  |                            |               |  |
| Mandarin<br>Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma  |                            |               |  |
| Orange<br>(sour and<br>sweet)<br>Pummelo<br>Satsuma  |                            |               |  |
| (sour and<br>sweet)<br>Pummelo<br>Satsuma  |                            |               |  |
| Satsuma  |                            |               |  |
|  |                            |               |  |
| Mandarin   |                            |               |  |
| Tangerine  | and the second             |               |  |
| Including all<br>cultivars<br>and/or<br>hybrids of<br>these.   |                            |               |  |
| rainfall. For best results   | s, sufficient water        | volume should | when applied and allowed to dry before a<br>be used to provide thorough coverage.<br>aerial application (a minimum of 15 gal/A). |

3) Do not apply more than 0.67 lb. a.i. propiconazole containing product/A/season.

| Northern Corn Leaf Blight<br>( <i>Setosphaeria turcica</i> )<br>Northern Corn Leaf Spot<br>( <i>Cochliobolus carbonum</i> )   | 2-4   | For leaf blights apply Willowood Propicon 3.6EC when disease first   |
|---|---|--|
| Southern Corn Leaf Blight<br>(Cochliobolus<br>heterostrophus)<br>also known as<br>Helminthosporium Leaf<br>Blights ( <i>H. maydis, H.</i><br><i>turcicum, H. carbonum</i> ) |   | appears. Continue on a 7-14 day<br>schedule. Use the low rate when<br>disease pressure is low. Under heavy<br>disease pressure or if conditions are<br>favorable for disease, apply the high<br>rate.  |
| Rust<br>( <i>Puccinia</i> spp.)<br>Gray Leaf Spot<br>( <i>Cercospora zeae-maydis</i> )<br>Eye Spot<br>( <i>Aureobasidium zeae</i> )   | 4   | Apply Willowood Propicon 3.6EC when<br>disease first appears. If conditions<br>favorable for disease persist, continue<br>on a 7-14 day schedule. For best<br>disease control, early applications (at<br>initial disease onset) perform better.  |
| st results, sufficient water volu   | ume should l  | be used to provide thorough coverage.  |
| ply more than 16 fl. oz./A/season<br>ply within 30 days of harvest for<br>oply more than 8 fl. oz./A/season   | n of Willowood<br>forage, grain<br>n of Willowoo  | and stover.<br>d Propicon 3.6EC on field corn harvested  |
|   | Also known as<br>Helminthosporium Leaf<br>Blights ( <i>H. maydis, H. turcicum, H. carbonum</i> )<br>Rust<br>( <i>Puccinia</i> spp.)<br>Gray Leaf Spot<br>( <i>Cercospora zeae-maydis</i> )<br>Eye Spot<br>( <i>Aureobasidium zeae</i> )<br>Iowood Propicon 3.6EC is monthated by ground the sealts, sufficient water volution 3.6EC may be applied by ground the sealts, sufficient water volution 3.6EC may be applied by ground the sealts, sufficient water volution 3.6EC may be applied by ground the sealts, sufficient water volution 3.6EC may be applied by ground the sealts of the | Also known as<br>Helminthosporium Leaf<br>Blights ( <i>H. maydis, H. turcicum, H. carbonum</i> )<br>Rust 4<br>( <i>Puccinia</i> spp.)<br>Gray Leaf Spot<br>( <i>Cercospora zeae-maydis</i> )<br>Eye Spot<br>( <i>Aureobasidium zeae</i> )<br>Iowood Propicon 3.6EC is most effective what results, sufficient water volume should be<br>on 3.6EC may be applied by ground, air, or che<br>trictions:<br>ield Corn Grown for Seed, and Popcorn:<br>ply more than 16 fl. oz./A/season of Willowood<br>ply within 30 days of harvest for forage, grain a<br>ply more than 8 fl. oz./A/season of Willowood |

- Do not apply within 14 days of harvest for ears.
   Do not apply within 14 days of harvest for forage.

| Crop        | Target Disease                     | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|-------------|------------------------------------|----------------------------------|--|
| Cranberries | Cottonball<br>(Monilinia oxycocci) | 4-6                              | Make the first application at leaf bud<br>break and repeat in 14 days. Make the<br>third application at early bloom and<br>repeat in 14 days. Under severe<br>pressure, use higher rate for control. |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground or aerial application (a minimum of 20 gal/A).

# **Specific Use Restrictions:**

- 1) Do not apply more than 24 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 45 days of harvest of cranberries.
- 3) Do not apply more than 0.67 lb. a.i. propiconazole containing product/A/season.
- 4) Use is limited to OR, WA and WI.

| Crop                    | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|-------------------------|--|----------------------------------|---|
| Filberts<br>(Hazelnuts) | Eastern Filbert Blight<br>( <i>Anisogramma anomala</i> ) | 5-8                              | Begin applications when green leaf<br>tissue becomes visible and continue on<br>14-21 days interval. Under severe<br>disease conditions, use the higher rate<br>and shorter interval.   |
|                         |  |                                  | NOTE: On certain varieties, Willowood<br>Propicon 3.6EC applications may cause<br>smaller and/or greener leaves. Yields of<br>filberts displaying these characteristics<br>have not been reduced due to<br>Willowood Propicon 3.6EC treatments. |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground or aerial application (a minimum of 15 gal/A).

## Specific Use Restrictions:

- 1) Do not apply more than 32 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply more than 0.90 lb. a.i. propiconazole containing product/A/season.
- 3) Do not apply within 60 days of harvest.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

| Crop   | Target Disease  | Use Rate<br>fl. oz.<br>product/A  | Remarks   |
|--|---|---|---|
| Grasses<br>Grown for<br>Seed   | Rusts<br>( <i>Puccinia</i> spp.)<br>Powdery Mildew<br>( <i>Erysiphe graminis</i> )<br>Selenophoma Stem Eyespot<br>( <i>Selenophoma</i> spp.)<br>Ergot Stem Diseases | 4-8   | Apply Willowood Propicon 3.6EC when<br>powdery mildew infections,<br><i>Selenophoma</i> infections, and/or rust<br>pustules are noticeable and increasing<br>in number in late spring or early<br>summer. Apply on a 14-21 days<br>interval. To maximize control of severe<br>rust pressure, apply 8 fl. oz./A and make<br>applications at 14-day intervals until the<br>seed is mature. Make the last<br>application at least 20 days before seed<br>matures. For bluegrass, it is important<br>to begin application early in the growing<br>season. |
| rainfall. For b<br>Willowood Prop<br>Specific Use R<br>1) Do not<br>2) Do not<br>3) Do not | best results, sufficient water vol<br>icon 3.6EC may be applied by gro  | ume should l<br>bund, air (a mir<br>last application<br>ys of the last a<br>on of Willowood | pplication.<br>d Propicon 3.6EC.  |

5) Use is limited to ID, MN, NE, OR, and WA.

| Crop                            | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|---------------------------------|--|----------------------------------|---|
| Mint<br>Peppermint<br>Spearmint | Rusts<br>( <i>Puccinia menthae</i> )                           | 4                                | Begin applications when the plants are<br>2-4 inches high or when conditions<br>become favorable for disease<br>development. Make a second<br>application 14 days after the first<br>application. |
| rainfall. For b                 | est results, sufficient water viceon 3.6EC may be applied by g | volume should                    | hen applied and allowed to dry before a<br>be used to provide thorough coverage.<br>num of 20 gal/A.  |

- Do not apply within 30 days of harvest.
   Do not exceed 8 fl. oz. of product/A/season.
   Do not apply more than 0.22 lb a.i. propiconazole containing products/A/season.

| Crop  | Target Disease   | Use Rate<br>fl. oz.<br>product/A                                  | Remarks  |
|---|--|---|--|
| Onions (Dry Bulbs)<br>Garlic<br>Onions (Dry Bulb)<br>Shallots (Dry Bulb)  | Purple Blotch<br>( <i>Alternaria porri</i> )                           | Willowood<br>Propicon<br>3.6EC<br>4-8                             | Begin applications when conditions<br>favor disease development and<br>continue on a 7-10 day interval.<br>Use the higher rate and shorter<br>interval when disease conditions<br>are severe.  |
| Onions (Green)<br>Green Onions<br>Green Shallots<br>Green Eschalots<br>Japanese<br>Bunching Onions<br>Leeks<br>Spring Onions<br>Scallions<br>And/or cultivars or<br>hybrids of these. | Suppression of Botrytis<br>Leaf Blight<br>( <i>Botrytis squamosa</i> ) | Willowood<br>Propicon<br>3.6EC plus<br>tank mix<br>partner<br>2-4 | Apply 2-4 oz. of Willowood Propicon<br>3.6EC in combination with another<br>fungicide registered for control of<br>botrytis leaf blight or purple blotch.<br>Begin applications when conditions<br>favor disease development and<br>continue on a 7-day interval or<br>according to the tank mix partner<br>label. Use the higher rate when<br>disease conditions are severe. To<br>achieve optimum disease control,<br>use a wetting agent or spreader-<br>sticker. |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground (a minimum of 15 gal/A), or aerial application (a minimum of 5 gal/A).

# **Specific Use Restrictions:**

- 1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 14 days of harvest on dry bulb onions.
- 3) Willowood Propicon 3.6EC may be applied at 0 day PHI (day of harvest) for green onion types.
- 4) Do not apply more than 0.45 lb. a.i. propiconazole containing product/A/season.

| 10 1  | The state of the second st |  |
|---|--|--|
| af Spot<br>( <i>Cercospora</i> spp.)<br>af Spot<br>( <i>Alternaria</i> spp.)<br>wdery Mildew<br>( <i>Erysiphe</i> spp.) | 3-4  | Begin applications at first sign of<br>disease. Repeat on a 14-day interval.<br>Make no more than 2 consecutive<br>applications before rotating to another<br>registered fungicide with a different<br>mode of action.<br>If disease levels continue to increase,<br>immediately switch to a fungicide with a<br>different mode of action. |
| ()  | af Spot<br>( <i>Alternaria</i> spp.)<br>wdery Mildew<br>( <i>Erysiphe</i> spp.)  | af Spot<br>( <i>Alternaria</i> spp.)<br>wdery Mildew   |

- Specific Use Restrictions:
  1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
  2) Do not apply within 14 days of harvest.
  3) Do not apply more than 0.45 lb a.i. propiconazole containing products/A/season.

| Crop    | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|---------|--|----------------------------------|---|
| Peanuts | Early Leaf Spot<br>(Cercospora arachidicola)<br>Late Leaf Spot<br>(Cercosporidium<br>personatum)<br>Rust | 2.5-4<br>4<br>4                  | Apply Willowood Propicon 3.6EC beginning 30-<br>45 days after planting or at the first appearance<br>of disease. Continue applications on a 10-14<br>day schedule. Under heavy disease pressure<br>use higher recommended application rates.<br>Willowood Propicon 3.6EC also may be used in<br>State Agricultural Extension advisory (disease<br>forecasting) programs which recommend<br>application timing based on environmental<br>factors favorable for disease development.<br>Willowood Propicon 3.6EC may be applied by<br>ground, air or chemigation. |
|         | (Puccinia arachidis)<br>Web Blotch<br>(Phoma arachidicola)   | 4                                | ground, an or chemigation.  |
|         | Southern Stem Rot<br>( <i>Sclerotium rolfsii</i> )   |                                  | <ul> <li>Apply Willowood Propicon 3.6EC using one of the following schedules:</li> <li>A. Apply 4 oz./A of Willowood Propicon 3.6EC to the crown and pegging zones of the plant using chemigation or directed ground application. Begin applications 45 days after planting, or at the first appearance of disease. Repeat on a 14 day interval.</li> </ul>   |

| <ul> <li>B. Apply 8 oz./A of Willowood Propicon<br/>3.6EC to the crown and pegging zones<br/>of the plant using chemigation or<br/>directed ground application. Make 2<br/>applications: the first at pegging<br/>(approximately 60 days after planting)<br/>or at the first appearance of disease,<br/>and the second application 3-4 weeks<br/>later.</li> </ul> |
|--|
| Irrigation: When applying Willowood Propicon 3.6EC in irrigation water for Southern Stem Rot control, use a minimum of $0.25 - 0.5$ inches of irrigation water/A. Use enough water so that the fungicide penetrates the peanut canopy and reaches the crown of the plant where Southern Stem Rot is most active.   |
| When applying Willowood Propicon 3.6EC via irrigation or as a directed ground application, additional methods should be employed for leaf spot control.  |

#### Specific Use Restrictions:

- 1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 14 days of harvest with low use rate (4 fl. oz./A).
- 3) Do not apply within 21 days of harvest if using high use rate (8 fl. oz./A).
- 4) Do not feed hay from treated fields to livestock if using high use rate (8 fl. oz./A).
- 5) Do not apply more than 0.45 lb. a.i. propiconazole containing products/A/season.

| Crop   | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|--------|--|----------------------------------|--|
| Pecans | Pecan Scab(Cladosporium caryigenum)Downy Spot(Mycosphaerella caryigena)Liver Spot(Gnomonia caryae pv<br>pecanae)Vein Spot(Gnomomia nerviseda)Zonate Leaf Spot<br>(Cristulariella moricola)Powdery Mildew<br>(Microsphaera penicillata) | 4-8                              | Pecan Scab: Apply 4-8 fl. oz./A on a<br>14-day schedule during bud break and<br>pre-pollination sprays. Apply 6-8 fl<br>oz./A during nut formation and cove<br>sprays. Use higher rates when disease<br>pressure is heavier.<br>Other listed foliar diseases: Apply 4 fl<br>oz./A with other registered pecar<br>products labeled for these mid to late<br>season foliar diseases. Observe al<br>directions, precautions, and limitations<br>for the other products. |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by ground or by aerial application (a minimum of 20 gal/A).

The active ingredient(s) in this product may have effects on federally listed threatened and endangered species or critical habitat in some counties. When using this product, you must follow the measures contained in the County Bulletin for the county in which you are applying the pesticide. To determine

whether your County has a Bulletin, consult <u>http://www.epa.gov/espp/bulletins.htm</u>. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

#### **Specific Use Restrictions:**

- 1) Do not apply more than 32 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply after shuck split.
- 3) Do not apply more than 0.90 lb a.i. propiconazole containing products/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

| Сгор                       | Target Disease                      | Use Rate<br>fl. oz.<br>product/100<br>gals.        | Remarks   |
|----------------------------|-------------------------------------|--|---|
| Pineapple<br>(Hawaii only) | Butt rot<br>(Ceratocystis paradoxa) | 0.75 fl.<br>oz./100 gal.<br>of water<br>(1:17,000) | Treatments can be made in either a cold<br>or hot water dip.<br>Cold Water Dip: Immerse crowns to<br>give thorough wetting, remove, and<br>allow to drain.<br>Hot Water Dip: Maintain water<br>temperature at 125°F (52°C). Soak<br>crown for 20-30 minutes, remove, and<br>allow to drain. |

#### **Specific Use Restrictions:**

- 1) Do not use treated crowns for food or feed.
- 2) Do not graze while plant is growing.
- 3) Do not graze tops until fruit is harvested.
- 4) Dispose of used dip solution according to local, state, and federal regulations.

| Crop       | Target Disease   | Use Rate<br>fl. oz.<br>product/A  | Remarks   |
|------------|--|---|---|
| Pistachios | Botrysphaeria Panicle and<br>Shoot Blight<br>(Botryosphaeria dothidea) | 5-8 Begin applications when green<br>tissue becomes visible and continu<br>a 14-21 days interval. Under se<br>disease conditions, use the higher<br>and the shorter interval. |   |
|            |  |   | NOTE: Under certain conditions<br>Willowood Propicon 3.6EC applications<br>may cause smaller and/or greener<br>leaves. Yields of pistachios displaying<br>these characteristics have not been<br>reduced due to Willowood Propicon<br>3.6EC treatments. |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground or aerial application (a minimum of 15 gal/A).

# **Specific Use Restrictions:**

- 1) Do not apply more than 32 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 60 days of harvest.
- 3) Do not apply more than 0.90 lb. a.i. propiconazole containing product/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

|                        |  | Use Rate             |  |  |  |
|------------------------|--|----------------------|--|--|--|
| Crop                   | Target Disease   | fl. oz.<br>product/A | Remarks  |  |  |
| Rice                   | Sheath Blight         (Rhizoctonia solani)         Brown Leaf Spot         (Helminthosporium         oryzae)         Narrow Brown Leaf         Spot (Cercospora         oryzae)         Leaf Smut         (Entyloma oryzae)         Sheath Spot         (Rhizoctonia oryzae)         Sheath Spot         (Rhizoctonia oryzae)         Kernel Smut         (Tilletia barclayana)         Aggregate Sheath Spot         (Rhizoctonia oryzae-sativa)         Black Sheath Rot         (Gaeumannomyces         graminis)         For disease         suppression of:         False Smut         (Ustilaginoidea         virens)         Stem Rot         (Sclerotium oryzae) | 6-10                 | <ul> <li>Timing of Willowood Propicon 3.6EC will depend on disease severity, disease complex and rice variety/growth stage. Consult local extension experts for local economic thresholds established for various rice varieties and diseases.</li> <li>Willowood Propicon 3.6EC should be applied on either of the following schedules as an aerial spray in 5-10 gal. of water/A.</li> <li>A. 6 fl. oz. at first internode elongation (up to 2-inch panicle) and repeat at swollen boot. Make the second application 14 days after the first application, but before the boot splits and head emerges. Willowood Propicon 3.6EC provides best control of sheath blight when the first application is applied at disease appearance in the field. The first application is recommended when 5% or fewer of the tillers are infected.</li> <li>B. 10 fl. oz./A at first internode elongation (up to 2-inch panicle). The 10 oz. rate is recommended if greater than 10% of the tillers are infected with sheath blight. If disease reappears, use another registered fungicide for the second application.</li> <li>Tank Mix Option: Apply 6 fl. oz./A of Willowood Propicon 3.6EC in a tank mix with Quadris or other fungicides for control of rice diseases.</li> </ul> |  |  |
| Wild Rice<br>(MN only) | Helminthosporium Leaf<br>Blight<br>(Helminthosporium<br>sp.)<br>Brown Spot<br>(Bipolaris spp.)   | 6-8                  | Apply 6 fl. oz/A of Willowood Propicon 3.6EC at both<br>booting and heading, or make a single application of<br>8 fl. oz./A at booting.<br>Minimum re-application interval is 10 days.   |  |  |

The active ingredient(s) in this product may have effects on federally listed threatened and endangered species or critical habitat in some counties. When using this product, you must follow the measures contained in the County Bulletin for the county in which you are applying the pesticide. To determine whether your County has a Bulletin, consult <u>http://www.epa.gov/espp/bulletins.htm</u>. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies.

**Specific Use Restrictions:** 

- 1) Do not apply to stubble or ratoon crop rice.
- 2) Do not use in rice fields where commercial farming of crayfish will be practiced.
- 3) Do not drain water from treated rice fields into ponds used for commercial fish farming.
- 4) Do not use water drained from treated fields to irrigate other crops.
- 5) Do not apply more than 12 fl. oz./A/season of Willowood Propicon 3.6EC.
- 6) Do not apply within 35 days of harvest.
- 7) Do not apply more than 0.34 lb a.i. propiconazole containing products/A/season.
- 8) Do not release flood water within 7 days of an application.

| Crop          | Target Disease                 | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|---------------|--------------------------------|----------------------------------|---|
| Sorghum       | Ergot<br>(Claviceps sorghi)    | 3-4                              | Make the first application at or just prior<br>to flowering. Repeat on a 5-7 day<br>interval. Apply up to 4 times.              |
| rainfall. For | best results, sufficient water | volume should                    | hen applied and allowed to dry before a<br>be used to provide thorough coverage.<br>minimum of 15 gal./A) or aerial application |

(a minimum of 10 gal/A).

#### **Specific Use Restrictions:**

- 1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 30 days of harvest for forage.
- 3) Do not apply within 21 days of harvest for grain and stover.
- 4) Do not graze livestock or cut for green chop or silage within 30 days of application.
- 5) Do not apply more than 8 fl. oz. of Willowood Propicon 3.6EC (0.22 lb a.i. propiconazole) on sorghum harvested for forage.
- 6) Do not apply more than 0.45 lb a.i. propiconazole containing product/A/season.

| Crop     | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|----------|---|----------------------------------|--|
| Soybeans | Aerial Web Blight<br>( <i>Rhizoctonia solani</i> )<br>Anthracnose<br>( <i>Colletotrichum truncatum</i> )<br>Brown Spot<br>( <i>Septoria glycines</i> )<br>Frogeye Leaf Spot<br>( <i>Cercospora sojina</i> )<br>Soybean Rust<br>( <i>Phakopsora pachyrhizi</i> ) | 4-6                              | Aerial Web Blight: Apply 5-6 fl. oz./A at the<br>first appearance of disease and repeat the<br>application 14-21 days later. Under severe<br>disease conditions use the higher rate and<br>shorter interval.<br>Other foliar diseases: Apply 6 fl. oz./A at<br>growth stage R3 (early pod set when pods<br>are 1/8-1/4 inch long) and 14-21 days later at<br>growth stage R5 (pod fill).<br>Soybean Rust: Apply 4-6 fl. oz./A at first<br>indication that disease is in the area. For<br>best control, preventive applications work<br>best. Repeat on 14-21 day interval. Use<br>higher rate and shorter interval when disease<br>is present in field and incidence is less than<br>2% (2 plants in 100 are infected). It<br>incidence is greater than this or if disease is<br>in mid canopy, control will not be acceptable.<br>Scouting for the disease and/or being aware<br>of the proximity of the disease via monitoring<br>systems will aid in the proper timing to<br>maximize the effectiveness of the fungicide<br>applications.<br>On certain varieties, Willowood Propicon |
|          |   |                                  | 3.6EC applications may cause crinkled,<br>smaller and/or greener leaves. Yields of dry<br>beans displaying these characteristics have<br>not been reduced due to Willowood Propicon<br>3.6EC treatments.   |

# Specific Use Restrictions:

1) Do not apply more than 12 fl. oz./A/season of Willowood Propicon 3.6EC.

Apply up to Stage R6.
 Do not apply more than 0.34 lb a.i. propiconazole containing product/A/season.

| Сгор   | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks  |
|--|---|----------------------------------|--|
| Stone Fruits<br>Apricots<br>Cherries, Sweet<br>Cherries, Tart<br>Nectarines<br>Peaches | Brown Rot Blossom<br>Blight<br>( <i>Monilinia</i> spp.)   | 4                                | Apply Willowood Propicon 3.6EC at<br>early bloom stage. If disease pressure<br>is low, a second application may be<br>made as needed through petal fall.<br>Under conditions of high disease<br>pressure and/or very susceptible<br>varieties, make a second application<br>from 75-100% bloom and a third<br>application at petal fall. |
| Plums<br>Plumcot<br>Prunes<br>And cultivars  | Fruit Brown Rot<br>( <i>Monilinia</i> spp.)   | 4                                | Apply as needed a maximum of 2<br>sprays during the preharvest period up<br>to the day of harvest (0 day PHI). If<br>high inoculums and severe disease<br>conditions persist, apply another<br>registered fungicide after the 2<br>Willowood Propicon 3.6EC applications.  |
| and/or hybrids o<br>these.   | Powdery Mildew<br>( <i>Podosphaera</i> spp.)<br>Cherry Leaf Spot<br>( <i>Blumeriella jaapii</i> )<br>Rust<br>( <i>Tranzschelia</i><br><i>discolor</i> ) | 4                                | Follow the Brown Rot Blossom Blight<br>schedule. Make up to 2 additiona<br>applications on a 10-14 day interva<br>from the end of petal fall to harvest.   |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Stone fruit diseases are most effectively controlled by ground applications. Willowood Propicon 3.6EC may be applied by ground or air (a minimum of 15 gal./A).

Precaution: Applications of Willowood Propicon 3.6EC during bloom to Stanley plums have occasionally caused fruit to be less oval in shape and smaller in size at harvest. To avoid this, do not apply Willowood Propicon 3.6EC to Stanley plums earlier than 21 days prior to harvest.

# **Specific Use Restrictions:**

- 1) Do not apply more than 20 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Willowood Propicon 3.6EC may be applied at 0 day PHI (day of harvest).
- 3) Do not apply more than 0.56 lb. a.i. propiconazole containing product/A/season.

| Crop         | Target Disease   | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|--------------|--|----------------------------------|---|
| Strawberries | Anthracnose(Colletotrichum<br>acutatum)Leaf Spot(Cercospora fragariae)Powdery Mildew(Sphaerotheca<br>macularis)Leaf Rust(Phragmidium<br>potentillae) | 4                                | Begin applications when disease levels<br>are no more than 5%. Apply 4 fl. oz./A<br>of Willowood Propicon 3.6EC up to 4<br>times on a 7-day interval. Make no<br>more than 2 consecutive applications<br>before rotating to another registered<br>fungicide with a different mode of action |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by either ground (a minimum of 20 gal./A) or aerial application (a minimum of 15 gal./A).

# **Specific Use Restrictions:**

- 1) Do not apply more than 16 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Willowood Propicon 3.6EC may be applied at 0 day PHI (day of harvest).
- 3) Do not apply more than 0.45 lb a.i. propiconazole containing products/A/season.

| Crop        | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks   |
|-------------|---|----------------------------------|---|
| Sugar Beets | Leaf Spot<br>( <i>Cercospora beticola</i> )<br>Powdery Mildew<br>( <i>Erysiphe polygoni</i> ) | 4                                | Begin applications at first sign of<br>disease. Repeat on a 10-14 day<br>interval. Make no more than 2<br>consecutive applications before rotating<br>to another registered fungicide with a<br>different mode of action. |
|             |   |                                  | If disease levels continue to increase,<br>immediately switch to a fungicide with a<br>different mode of action.  |

**Application:** Willowood Propicon 3.6EC is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Willowood Propicon 3.6EC may be applied by ground, air, or chemigation.

# **Specific Use Restrictions:**

- 1) Do not apply more than 12 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 21 days of harvest.
- 3) Do not apply more than 0.34 lb a.i. propiconazole containing products/A/season.

| Crop      | Target Disease                                  | Use Rate<br>fl. oz.<br>product/100<br>gals.    | Remarks   |
|-----------|---|--|---|
| Sugarcane | Pineapple disease<br>(Ceratocystic<br>paradoxa) | 0.75 fl. oz./100<br>gal of water<br>(1:17,000) | Apply Willowood Propicon 3.6EC to cur<br>seed pieces using one of the following<br>methods:   |
|           |   |  | Cold Water Dip: Immerse seed pieces<br>to give thorough wetting, remove, and<br>allow to drain.   |
|           |   |  | Hot Water Dip: Maintain water<br>temperature at 125°F (52°C). Soak the<br>seed pieces for 20-30 minutes, remove<br>and allow to drain.                    |
|           |   |  | Conveyor Belt Treatment: Treat seed<br>pieces with Willowood Propicor<br>3.6EC/water solution using in-line<br>directed spray sufficient to wet cut ends. |

Do not use treated seed pieces for food or feed.

| Crop                              | Target Disease  | Use Rate<br>fl. oz.<br>product/A | Remarks                       |                         |
|-----------------------------------|-----------------|----------------------------------|-------------------------------|-------------------------|
| Tree Nuts                         | Foliar Diseases | 4-8                              |                               | Propicon 3.6EC at first |
| Almond (see specific directions)  |                 |                                  | sign of disease.<br>interval. | Repeat on a 7-14 day    |
| Beechnut                          |                 | and the second                   |                               |                         |
| Brazil Nut                        |                 |                                  |                               |                         |
| Butternut                         |                 |                                  |                               |                         |
| Cashew                            |                 |                                  |                               |                         |
| Chestnut                          |                 |                                  |                               |                         |
| Chinquapin                        |                 |                                  |                               |                         |
| Filbert (see specific directions) |                 |                                  |                               |                         |
| Hickory                           |                 |                                  |                               |                         |
| Macadamia                         |                 |                                  |                               |                         |
| Pecan (see specific               |                 | No. Com                          |                               |                         |

| Сгор   | Target Disease                                  | Use Rate<br>fl. oz.<br>product/A              | Remarks  |
|--|---|---|--|
| directions)                                      |   |   |  |
| Walnut   |   |   |  |
| Pistachios (see specific directions)             |   |   |  |
| Application: Willowood rainfall. For best result | s, sufficient water vo<br>c may be applied by g | nume should be use<br>round or aerial applica | plied and allowed to dry before<br>d to provide thorough coverage<br>ation (a minimum of 15 gal/A). Fo<br>d. |

# Specific Use Restrictions:

- 1) Do not apply more than 32 fl. oz./A/season of Willowood Propicon 3.6EC.
- 2) Do not apply within 60 days of harvest except for pecans (see specific directions).
- 3) Do not apply more than 0.90 lb a.i. propiconazole containing products/A/season.
   4) Do not graze livestock in treated areas or cut treated cover crop for feed.

| Crop      | Target Disease                        | Use Rate<br>fl. oz. product/100<br>gals. | Remarks  |
|-----------|---------------------------------------|--|--|
| Pineapple | Ceratocytis Butt Rot<br>(C. paradoxa) | 3-4 fl. oz.                              | Apply 3 to 4 fluid ounces in 100 gallons<br>of water or wax water emulsion after<br>harvest. Fruit should be dipped or<br>sprayed for thorough coverage and<br>allowed to drain. Limit dipping time to<br>no more than 3 minutes. Dip solution<br>should be replaced with fresh dip<br>solution after 200,000 lbs of fruit have<br>been treated. |
|           |                                       |  | Fruit discarded from fresh fruit packing<br>operations may be used for<br>processing. Cannery wastes may be<br>fed.  |

# POST HARVEST USE

| FI. Oz. of Willowood Propicon<br>3.6EC/Acre | Lb. A.I./Acre | Acres Treated Per 1 Gallon<br>Willowood Propicon 3.6EC |
|---|---------------|--|
| 2   | 0.056         | 64   |
| 4   | 0.1125        | 32   |
| 6   | 0.169         | 21.3   |
| 8   | 0.225         | 16   |
| 10  | 0.28          | 12.8   |
| 12  | 0.34          | 10.7   |

| FI. Oz. of Willowood Propicon<br>3.6EC/Acre | Lb. A.I./Acre | Acres Treated Per 1 Gallon<br>Willowood Propicon 3.6EC |
|---|---------------|--|
| 16  | 0.45          | 8  |
| 20  | 0.56          | 6.4  |
| 24  | 0.67          | 5.3  |
| 30  | 0.84          | 4.3  |
| 32  | 0.90          | 4  |

Typ

# TURF AND ORNAMENTAL USES

## INFORMATION

Willowood Propicon 3.6EC is a systemic fungicide for use on turfgrasses for the control of dollar spot (*Sclerotinia homoecarpa*), 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*), leaf spot (*Bipolaris spp.*), *Drechslera spp.*), gray leaf spot (*Pyricularia grisea*), pink snowmold (*Microdochium nivale*), Fusarium patch (*Fusarium nivale*), gray snowmold (*Typhula spp.*), yellow patch (*Rhizoctonia cerealis*), and zoysia patch (*Rhizoctonia solani*).

Willowood Propicon 3.6EC also controls numerous diseases on ornamentals and other landscape and nursery plantings. It controls powdery mildews, rusts, leaf spots, scabs, and blights. Refer to the appropriate section for specified diseases and plants.

For turf and ornamental uses, do not apply the product through any type of irrigation system. Do not use Willowood Propicon 3.6EC in greenhouses or as a tree injection. Do not apply more than 5.8 fl. oz./1,000 sq. ft./calendar year of Willowood Propicon 3.6EC.

# **MIXING INSTRUCTIONS**

Fill the spray tank ½-¾ full with water. Add the proper amount of Willowood Propicon 3.6EC and then add the rest of the water. Provide sufficient agitation during mixing and application to maintain a uniform emulsion.

If Willowood Propicon 3.6EC is tank mixed with other products, use the following sequence:

- Always check the compatibility of the tank mix using a jar test with proportionate amounts of Willowood Propicon 3.6EC, 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 the tank at least 1/2 full of clean water.
- 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 Willowood Propicon 3.6EC 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, Willowood Propicon 3.6EC can be tank mixed with other fungicides. For example, Subdue MAXX<sup>®</sup> may be tank mixed with Willowood Propicon 3.6EC or used alone when conditions are favorable for Pythium blight. Willowood Propicon 3.6EC is also compatible with numerous herbicides and insecticides. Check compatibility before tank mixing. Add Unite<sup>®</sup> (3 pts./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 WILLOWOOD PROPICON 3.6EC IN A PREVENTATIVE 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, Willowood Propicon 3.6EC 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 Willowood Propicon 3.6EC 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.
- 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 5.8 fl. oz./1,000 sq. ft./calendar year.
- 11. Do not apply more than 1.79 lb. propiconazole a.i./A/application.

**IMPORTANT:** Bermudagrass can be sensitive to Willowood Propicon 3.6EC. Do not exceed 1.44 fl. oz./1,000 sq. ft. every 30 days on any variety of bermudagrass. In FL, do not apply Willowood Propicon 3.6EC 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.

| Disease                                     | Fl. Oz.<br>per<br>1,000<br>Sq. Ft. | FI. Oz.<br>Per<br>Acre | Application<br>Interval/<br>Timing | Instructions   |
|---|------------------------------------|------------------------|------------------------------------|--|
| Dollar Spot<br>(Sclerotinia<br>homoeocarpa) | 0.18                               | 8.0                    | 7 days                             | Apply when conditions are favorable for disease development.   |
|   | 0.18                               | 8.0                    | 14 days                            | Tank mix with low label rate of one of the following fungicides:<br>Daconil Weather Stik <sup>®</sup><br>Daconil Ultrex <sup>®</sup>   |
|   | 0.37                               | 16                     | 21-28 days                         | Tank mix with low label rate of one of the<br>following fungicides:<br>Daconil Weather Stik <sup>®</sup><br>Daconil Ultrex<br>Chipco <sup>®</sup> 26019  |
|   | 0.37-0.73                          | 16-32                  | 14-28 days                         | If using the 0.37-0.73 fl. oz./1,000 sq. ft.<br>rate without tank mixing, make no more<br>than 3 consecutive applications for dollar<br>spot control before rotating to an<br>alternate EPA-registered fungicide<br>having a different mode of action. |
| Anthracnose                                 | 0.37-0.73                          | 16-32                  | 14-28 days                         | Apply when conditions are favorable for disease development. When disease  |

# Turfgrass – Specific Diseases, Rates, and Application Timing

| Disease  | FI. Oz.<br>per<br>1,000<br>Sq. Ft. | FI. Oz.<br>Per<br>Acre | Application<br>Interval/<br>Timing | Instructions   |
|--|------------------------------------|------------------------|------------------------------------|--|
| (Colletotrichum<br>graminicola)  |                                    |                        |                                    | pressure is high, use higher rates of<br>Willowood Propicon 3.6EC and shorter<br>intervals. For broad spectrum control,<br>tank mix with a registered contact<br>fungicide at the label rate.<br>If disease is present, mix 0.0.73 fl. oz. of<br>Willowood Propicon 3.6EC per 1,000 sq.<br>ft. with the label rate of the above<br>mentioned contact fungicides. |
| Brown Patch<br>(Rhizoctonia<br>solani)   | 0.37-0.73                          | 16-32                  | 14-21 days                         | Begin applications in May or June before<br>disease is present. Tank mix with a<br>registered contact fungicide labeled for<br>brown patch control at the label rate.  |
|  |                                    |                        |                                    | Under conditions of high temperatures<br>and high humidity, use the higher rates of<br>Willowood Propicon 3.6EC and shorter<br>intervals.  |
| Powdery Mildew<br>(Erysiphe<br>graminis)<br>Rust<br>(Puccinia<br>graminis)             | 0.37-0.73                          | 16-32                  | 14-28 days                         | Apply when conditions are favorable for<br>disease development. If disease is<br>present, use 0.73 fl. oz. of Willowood<br>Propicon 3.6EC per 1,000 sq. ft.  |
| Red Thread<br>(Laetisaria<br>fuciformis)<br>Pink Patch<br>(Limonomyces<br>roseipellis) | 0.37                               | 32                     | 14-21 days                         | Apply when conditions are favorable for disease development.   |
| Stripe Smut<br>(Ustilago<br>striiformis)<br>(Urocystis<br>agropyri)                    | 0.37-0.73                          | 16-32                  | Fall or<br>Spring                  | Apply once in the fall after grass<br>becomes dormant or in the early spring<br>before grass starts to grow.   |
| Gray Leaf Spot<br>(Pyricularia<br>grisea)  | 0.37-0.73                          | 16-32                  | 14 days                            | Apply when conditions are favorable for<br>disease development. If using the 0.37<br>fl. oz./1,000 sq. ft. rate, tank mix with a<br>registered contact fungicide at the label<br>rate.   |
| Melting Out<br>Leaf Spot   | 0.37-0.73                          | 16-63                  | 14 days                            | Under light to moderate pressure, apply<br>Willowood Propicon 3.6EC to reduce the<br>severity of leaf spot and melting. For<br>broad spectrum disease control, tank mix  |

| Disease  | Fl. Oz.<br>per<br>1,000<br>Sq. Ft. | FI. Oz.<br>Per<br>Acre | Application<br>Interval/<br>Timing | Instructions  |
|--|------------------------------------|------------------------|------------------------------------|---|
| ( <i>Bipolaris</i> spp.)<br>( <i>Drechslera</i> spp.)  |                                    |                        |                                    | the 0.37 fl. oz. Willowood Propicon 3.6EC with a registered contact fungicide at the label rate.  |
|  |                                    |                        |                                    | Tank mix the 0.37-0.73 fl. oz./1,000 sq. ft. Willowood Propicon 3.6EC rate with a registered contact fungicide at the label rate.   |
| Summer Patch<br>Poa Patch  | 0.73                               | 32<br>63               | 14 days<br>28 days                 | Apply Willowood Propicon 3.6EC<br>beginning in April. Use the 1.45 fl.<br>oz./1,000 sq. ft. rate on a 28-day<br>schedule and the 0.73 fl. oz./1,000 sq. ft.   |
| (Mangaporthe<br>poae)  | 1.40                               | 00                     | 20 0033                            | rate on a 14-day schedule.  |
| Take-All Patch<br>(Gaeumannomyces<br>graminis)   | 0.73-1.45                          | 32-63                  | Spring and<br>Fall                 | Apply Willowood Propicon 3.6EC to<br>reduce the severity of take-all patch.<br>Make 1 to 2 fall applications in<br>September and October or when night<br>temperatures drop to 55°F, and 1 to 2<br>spring applications in April and May,<br>depending on local recommendations. |
| Spring Dead Spot<br>(Leptosphaeria<br>korrae,<br>Leptosphaeria<br>narmari,<br>Ophiosphaerella<br>herpotricha,<br>Gaeumannomyces<br>graminis) | 1.45                               | 63                     | 30 days                            | Make 1-3 applications. For one<br>application, apply in September or<br>October. For multiple applications, begin<br>sprays in August.  |
| Necrotic Ring<br>Spot<br>(Leptosphaeria<br>korrae)   | 1.45                               | 63                     | Fall or<br>Spring                  | Apply in the fall and/or the early spring depending on local recommendations.   |
| Snowmold<br>Gray<br>( <i>Typhula</i> spp.)<br>Pink<br>( <i>Microdochium</i><br>nivale)   | 0.73-1.45                          | 32-63                  | Late Fall                          | Apply one application in the late fall<br>before snow cover. Do not apply on top<br>of snow. For optimum disease control,<br>the 0.73 and 1.45 fl. oz. Willowood<br>Propicon 3.6EC rates should be tank<br>mixed with chlorothalonil at label rates.                            |
| Fusarium patch<br>(Fusarium nivale)  | 0.73-1.45                          | 32-63                  | Fall – Early<br>Spring             | Apply when conditions are favorable for disease development.  |
| Yellow patch<br>(Rhizoctonia   | 1.10-1.45                          | 48-63                  | Late Fall                          | Apply one application in the late fall<br>before snow cover. If using 1.1 fl.<br>oz./1,000 sq. ft. rate, tank mix with a  |

| Disease  | Fl. Oz.<br>per<br>1,000<br>Sq. Ft. | FI. Oz.<br>Per<br>Acre | Application<br>Interval/<br>Timing | Instructions  |
|--|------------------------------------|------------------------|------------------------------------|---|
| cerealis)  |                                    |                        |                                    | registered contact fungicide at the label rate.   |
| Zoysia patch,<br>Large patch of<br>zoysia<br>( <i>Rhizoctonia</i><br><i>solani</i> ) | 1.10-1.45                          | 48-63                  | Early Fall                         | Make one application in the early fall<br>(mid-September to mid-October) prior to<br>development of disease symptoms.<br>Consult local turfgrass extension experts<br>to determine optimum application timing<br>for your area. |

# Dichondra - Specific Disease, Rate, and Application Timing

| Disease                                    | FI. Oz.<br>per<br>1,000 Sq.<br>Ft. | FI. Oz.<br>Per<br>Acre | Application<br>Interval/<br>Timing | Instructions   |
|--|------------------------------------|------------------------|------------------------------------|--|
| Dichondra Rust<br>(Puccinia<br>dichondrae) | 0.73                               | 32                     | 14-21 days                         | Apply when conditions are favorable for disease development. |

# Establishment of Cool Season Turfgrass

Willowood Propicon 3.6EC 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, Willowood Propicon 3.6EC will improve the rate of establishment when it is applied to cool season grass seedlings or sod.

**New Seedlings:** Apply 0.35 fl. oz./1,000 sq. ft. at the 2 to 3-leaf stage of growth for faster root development and top growth.

**Sod:** Apply 0.35 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**

- 1. USE WILLOWOOD PROPICON 3.6EC IN A PREVENTATIVE DISEASE CONTROL PROGRAM. To determine the use directions for controlling a disease on an ornamental plant species, select the 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 Willowood Propicon 3.6EC is obtained when used in conjunction with sound disease management practices.

# **Product Instructions**

Willowood Propicon 3.6E may be used at rates of 0.75-8.7 fl. oz./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 2.0 gallons of Willowood Propicon 3.6EC /acre/crop/calendar year.

For general disease control in landscapes, apply 2.2-3.0 fl. oz./100 gals. water every 21 days. For best control, begin Willowood Propicon 3.6EC applications before disease development.

**Note:** Plant tolerances to Willowood Propicon 3.6EC have been found acceptable for the specific genera and species of plants listed under the **Directions for Use**. Other plant species may be sensitive to Willowood Propicon 3.6EC and diseases other than those listed may not be controlled. Before using Willowood Propicon 3.6EC on plants or for diseases that are not listed in the **Directions for Use**, test Willowood Propicon 3.6EC on a small basis first. Do not apply Willowood Propicon 3.6EC 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.

| Herbaceous Ornamental  | Woody Ornamental  | Non-Bearing Fruits and Nuts<br>(Nurseries and Landscape<br>Plantings)   |
|--|---|---|
| Calendula (4a)<br>Carnation (5f)<br>Chrysanthemum (2a)<br>Delphinium (4a)<br>English Ivy (3e)<br>Gomphrena (3a)<br>Impatiens (3a, 3b, 4a)<br>Iris (5d)<br>Marigold (3a)<br>Monarda (4c)<br>Phlox (4c)<br>Snapdragon (5d)<br>Sweet William (3k)<br>(Dianthus barbatus)<br>Zinnia (4c) | Amelenchier (4d)Ash (4c)Azalea (2c, 4b)Bayberry (3n)Camellia (3e)Cotoneaster (3i)Crabapple (3c, 3q, 4c, 5a)Crape Myrtle (4a)Dogwood (3h, 4c)Douglas Fir (5b)Elm (4c)Euonymus (3e, 4c)Hawthorn (5a)Holly (3r)Juniper (1a)Lilac (4c)Linden (3e, 3b, 4b)Magnolia (3e, 4b)Maple (3e, 4f)Oaks (3p)Pines (1b, 1c)Poplars (5b)Pyracantha (3o)Red Tip Photinia (3i)Rhaphiolepsis (3e, 3i)Rhododendron (2c, 3n)Roses (3g, 4e, 5c)(Outdoor Use Only)Shasta Fir (5e)Sweetgum (3b, 3c, 3n)Sycamore (3e)Tulip Tree (3e, 4a)Wax Myrtle (3n) | Apple (3q, 4d, 5a)<br>Bartlett pear (3q, 4c, 5a)<br>Cherry (2b,3d)<br>Citrus (3m)<br>Nectarine (2b)<br>Peach (2b)<br>Pecan (3b, 3c, 3f, 3l, 3n, 4e)<br>Plum (2b)<br>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. Sirrococcus strobolinus (Tip Blight) [D]
  - c. Sphaeropsis sapinea (Diplodia Tip Blight) [B]
- 2. Flower Blight
  - a. Ascochyta chrysanthemi (Ray Blight) [C]
  - b. Monolinia 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. Collectrichum spp. [B]
  - f. Cristulariella spp. (Zonate leaf spot) [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]
  - I. 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]
  - r. Rhizoctonia web blight [B]
- 4. Powdery Mildew
  - a. Erysiphe spp. [B]
  - b. Microsphaera spp. [C]
  - c. Oidium spp. [B]
  - d. Podosphaera spp. [B]
  - e. Sphaerotheca pannosa [B]
  - f. Phyllactinia spp. [B]
- 5. Rust
  - a. Gymnosporangium juniper-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 0.75-1.5 fl. oz. of Willowood Propicon 3.6EC 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 Willowood Propicon 3.6EC when there is 5-10% bloom and again at 70-100% bloom. For

dogwoods, apply the 0.75-1.5 fl. oz. rate every 14 days, or apply 3 fl. oz. of Willowood Propicon 3.6EC every 28 days.

- B. Mix 1.8-3.0 fl. oz. of Willowood Propicon 3.6EC 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 blackspot. 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 3-4.5 fl. oz. of Willowood Propicon 3.6EC 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 walnuts, apply 3 fl. oz. at 14-21 day intervals. For ray blight, apply 4.5 fl. oz. at 7-day intervals or 7.5 fl. oz. at 14-day intervals. For impatiens, bayberry, linden, magnolia, sweetgum and wax myrtle, the maximum use rate is 8 fl. oz.
- D. Mix 6 fl. oz. of Willowood Propicon 3.6EC 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, initial application is in mid-late winter, and apply 3 times at 2-month intervals.
- E. Mix 7.5-8.7 fl. oz. of Willowood Propicon 3.6EC in100 gals. of water and apply as a full coverage spray to the point of drip. Apply during June and August time period.

**Note:** To avoid possible illegal residues, do not apply to apple, Bartlett pear, 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 STORAGE: Store in the original container in a cool place.

**PESTICIDE DISPOSAL:** Pesticide wastes may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

(Nonrefillable container  $\leq$  5 gallons): 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. 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.

(Nonrefillable > 5 gallons): 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. 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.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

# CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

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

Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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

Daconil Ultrex, Daconil WeatherStick and Subdue MAXX are trademarks of a Syngenta Group Company. Chipco is a trademark of Aventis. Syllit is a trademark of Chimac-Agriphar S.A. Topsin is a trademark of Cerexagri, Inc. Unite is a trademark of HACO, Inc. Viton is a trademark of E.I. DuPont de Nemours and Company.

[EPA approval date]

# SUBLABEL B: WOOD TREATMENT AND MUSHROOM HOUSE USE

# Willowood Propicon 3.6EC

Wood Preservative in Mushroom Houses, Saptsain and Mold Control, Decay and Stain Protection and Cooling Tower Wood

| Group              | 3  | Fungicide |  |
|--------------------|--|-----------|--|
| C M. 1940 LTL. 197 | and the second |           |  |

| Propiconazole*       |  |
|----------------------|--|
| DTHER INGREDIENTS**: |  |
| OTAL:                |  |

\*\*Contains petroleum distillates

Contains 3.6 lbs. of propiconazole 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.)

| A Star Lake 1                   | FIRST AID   |
|---------------------------------|---|
| If in eyes:                     | <ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 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>                                       |
| lf on skin or<br>clothing:      | <ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
| If swallowed:                   | <ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Do not give any liquid to the person.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul> |
| In inhaled:                     | <ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>                                   |
|                                 | HOT LINE NUMBER   |
| treatment. For<br>Center (NPIC) | ict container or label with you when calling a poison control center or doctor, or going for<br>emergency information concerning this product, call the National Pesticides Information<br>at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison<br>t 1-800-222-1222.       |

# NOTE TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

# EPA Reg. No. 87290-7

Manufactured for: Willowood, LLC 1600 NW Garden Valley Blvd. #130 Roseburg, OR 97471 EPA Est. No.

# **Net Contents:**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING / AVISO

Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Harmful if swallowed, inhaled, or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing spray mist. This product may cause sensitization reactions in certain individuals.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or 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 washwater or rinsate

# 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 in your State responsible for pesticide regulation.

#### 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 (WPS) 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 into treated areas without protective clothing until sprays have dried.

# WOOD PRESERVATIVE FOR THE MUSHROOM INDUSTRY

Use of Willowood Propicon 3.6 EC can prevent decay and wood rot, and will allow easy tip out of compost from timber benches and trays by controlling adhesion and penetration of mushroom mycelium.

| Use Site  | Controls  | Use Rate /<br>Dilution Rate   | Remarks  |
|---|---|---|--|
| Mushroom<br>Houses –<br>Timber Trays<br>and benches | Wood rot and decay<br>Adhesion and<br>penetration of<br>mushroom mycelium | 10.4 fl. oz.<br>product to 25<br>gallons water<br>[to achieve<br>treatment<br>concentration<br>of 1500 ppm] | <ul> <li>SPRAY: Use a large droplet sprayer to apply propiconazole solution to trays and benches between each crop of mushrooms. Apply solution to the insides of trays, and side, end and bottom boards of benches. Apply 25 gallons of propiconazole solution to every 5000 sq. ft. of wood surface, and completely treat all corners, to insure complete wetting of wood surfaces.</li> <li>DIP: Boards and trays should be completely immersed in propiconazole solution for up to 30 seconds. Remove benches and trays from solution, and allow excess to drain back into drip tank.</li> </ul> |

# **Mixing Instructions**

- 1) Add half of the water to the propiconazole solution spray or dip tank
- 2) Follow with appropriate amount of Willowood Propicon 3.6 EC.
- 3) Add the rest of the water (to reach required volume) and stir gently to mix solution
- 4) If necessary, add a small amount of antifoam agent to minimize foaming

# Comments

- 4) Trays or bench boards should be allowed to dry before adding compost
- 5) Trays or boards should dry in a well-ventilated, sheltered place

# SAPSTAIN AND MOLD CONTROL

Sapstain and mold can be controlled with Willowood Propicon 3.6 EC on freshly cut hardwood and other softwood lumber, poles, posts, timbers and other manufactured wood products including:

- Logs (freshly debarked for use in log home construction, export and yarding)
- Engineered Wood and Wood furnishes (particle board, wafer board, oriented strand board, etc.)
- Wood Chips / Sawdust (intended for papermaking not for food grade or food contact paper or paperboard)
- Plywood Veneer (freshly peeled green veneer and other similar plywood furnish)

| Use Site   | Controls  | Use Rate /<br>Dilution Rate   | Remarks  |
|--|---|---|--|
| Logs,<br>Engineered wood<br>and wood<br>furnishes,<br>Wood Chips /<br>Sawdust, | Sapstain and Mold<br>control, including<br>inhibition of fungal<br>staining and<br>protection from and<br>reduction of fungal | Dip Tanks<br>.08 to .58 gallons<br>in 100 gal. water<br>-or-<br>0.6 to 4.6 gallons<br>in 800 gal. water   | DIP: Dip wood products until complete<br>wetting is achieved.<br>SPRAY: Spray wood products until<br>complete wetting is achieved.   |
| Plywood Veneer   | discoloration   | Spray Systems<br>0.14 to 1.13%<br>solution (f. ex.,<br>0.14 to 1.13<br>gallons per 100<br>gallons water)<br>Electrostatic<br>Spray<br>No dilution | ELECTROSTATIC SPRAY: Treatment<br>strength is varied by number of<br>application nozzles used and line<br>speed. Rates for all applications used<br>will vary according to temperature,<br>humidity, wood moisture, storage<br>conditions, etc. Contact your local<br>Willowood Propicon product<br>representative for application advice. |

#### **Mixing Instructions**

- 1) Dilute appropriate amount of Willowood Propicon 3.6 EC in sufficient water to reach intended dilution
- 2) Agitate or vigorously until completely dispersed

#### Comments

- 1) Remove sawdust and other debris from treating solution on a regular basis to maintain correct concentration of Willowood Propicon 3.6 EC in the propiconazole solution
- Freshly sawn lumber should be treated within 24 hours to prevent fungal attack below surface of wood
- 3) Protect treated lumber from rain, and remove from direct soil / ground contact
- 4) Treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland or river to prevent possible runoff of the product into the waterway
- Treated lumber stored within 100 feet of a pond, lake or stream, wetland or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway
- 6) If a berm or curb is used around the site, it should consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events

# DECAY AND STAIN PROTECTION

Willowood Propicon 3.6EC can be diluted and used on wood products to protect against blue staining fungi and decay (brown and white rot).

| Use Site   | Controls  | Use Rate / Dilution<br>Rate   | Remarks  |
|--|---|---|--|
| Millwork, shingles<br>and shakes,<br>siding, plywood,<br>structural timber,<br>composites (used<br>in above-ground<br>applications only) | Protection<br>against decay<br>(brown and white<br>rot)<br>Protection<br>against staining<br>fungi (blue stain) | Non Pressure<br>Application<br>Methods<br>1.2 to 2.3 gal mixed<br>with water to achieve<br>100 gal<br>propiconazole<br>solution (0.5% to 1%<br>active concentration)<br>Pressure Treatment<br>Minimum<br>propiconazole<br>retention level of<br>0.025 lbs per cubic<br>foot | <ul> <li>IMMERSION (bundle dipping process) – completely immerse wood in propiconazole solution for three (3) minutes</li> <li>IMMERSION, ROLLER COATING, FLOODING (individual wood pieces) – treat wood pieces with propiconazole solution for at least 15 seconds.</li> <li>BRUSH, SPRAY – coverage is approx. 150 square feet per gallon of propiconazole solution (varies with species and condition of wood)</li> <li>PRESSURE TREATMENT – perform according to methods described in the American Wood Preservers' Association (AWPA) standards.</li> </ul> |

that water content is no more than 25%

2) <u>Finishing</u>: Allow wood to dry completely and be free of odor before undergoing any finishing (glazing, staining, painting, varnishing, applying water repellents). Allow 4-8 hours drying time under average temperature and humidity conditions for non-pressure treated wood. Pressure treated wood should be allowed to dry to a moisture content suitable to the type of finishing process or coating to be applied

3) Cleanup: Remove wet propiconazole solution from brushes, rollers and surfaces with water

# Restrictions

- 1) Do not use on wood which will come in contact with food
- 2) Treated wood shall not be used in the construction of beehives

# COOLING TOWER WOOD

Willowood Propicon 3.6EC can be diluted and used to protect cooling tower wood from surface rot and internal or dry rot.

| Use Site              | Controls                                  | Use Rate / Dilution Rate  | Remarks   |
|-----------------------|---|---|---|
| Cooling<br>Tower Wood | Surface rot and<br>internal or dry<br>rot | General Treatment<br>0.28 to 0.62% propi-<br>conazole solution in water<br>[provides 0.13 to 0.26<br>pounds Propicon 3.6 EC<br>per 1000 sq ft. wood<br>surface] | General Treatment – Spray or paint<br>propiconazole solution onto clean wood<br>surfaces.<br>Shock Treatment – to inhibit surface<br>rot – introduce propiconazole solution to<br>the recirculating cooling water at the<br>tower basin or cold well. |

| Shock Treatment<br>0.96 pounds product per<br>1000 gallons water                    |                                    |
|---|------------------------------------|
| ent Application, bleed off should be stoppe<br>should be repeated every four months | d for 4 to 6 hours after treatment |

# 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 may be toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

(Nonrefillable container  $\leq$  5 gallons): 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. 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.

(Nonrefillable > 5 gallons): 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. 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.

CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.

# CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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Willowood, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not

extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or Willowood, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, WILLOWOOD, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Willowood, LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF WILLOWOOD, LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF WILLOWOOD, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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

[EPA approval date]