SUPPLEMENTAL LABELING

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 617A-S12 1016

STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9226.126

Tilt®

Fungicide

This supplemental label expires on October 21, 2019 and must not be used or distributed after this date.

Active Ingredient:	
Propiconazole*:	41.8%
*Other Ingredients***:	58.2%
Total:	100.0%

*CAS No. 60207-90-1
**Contains petroleum distillates

Tilt formulation is an emulsifiable concentrate (EC)

Contains 3.6 lb 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.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-617

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Tilt Fungicide as permitted according to this Supplemental Labeling, read and follow all applicable directions, restrictions, and precautions on the EPA-registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and/or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Grasses grown for seed (Cool season grasses only)	Rusts (*Puccinia* spp.) Powdery Mildew (*Erysiphe graminis*) Selenophoma Stem Eyespot (*Selenophoma* spp.) Ergot Stem Diseases	4-8	Apply Tilt when powdery mildew infections, *Seleophoma* infections, and/or rust pustules are noticeable and increasing in number in late spring or early summer. Apply on a 14-21 day interval. To maximize control of severe rust pressure, apply 8 fl oz/A and make applications at 14-day intervals until the seed is mature. Make the last application at least 20 days before seed matures. For bluegrass, it is important to begin application early in the growing season.

Application: Tilt 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. Tilt may be applied by ground, air (a minimum of 10 gal/A), or chemigation.

Specific Use Restrictions:

1) Do not feed hay cut within 20 days of the last application.
2) Do not graze treated areas within 140 days of the last application.
3) Do not apply more than 32 fl oz/A/season of Tilt.
4) Do not apply more than 0.90 lb ai propiconazole-containing products/A/season.
5) Do not apply to bermudagrass grown for seed.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Mint Peppermint Spearmint	Rust (*Puccinia menthae*)	4	Begin applications when the plants are 2-4 inches high or when conditions become favorable for disease development. Continue on a 14-day interval as conditions warrant.

Application: Tilt 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. Tilt may be applied by ground in a minimum of 20 gal/A or by aerial in a minimum of 2 gal/A.

Specific Use Restrictions:

1) Do not apply within 7 days of harvest.
2) Do not exceed 12 fl oz of product/A/season.
3) Do not apply more than 0.338 lb ai propiconazole-containing product/A/season.

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Tilt 617A-S12 1016 – bb – 11-29-16

SUPPLEMENTAL LABELING

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 617A-S11 0216

STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9226.126

Tilt®

Fungicide

This supplemental label expires on February 1, 2019 and must not be used or distributed after this date.

Active Ingredient:	
Propiconazole*:	41.8%
*Other Ingredients***:	58.2%
Total:	100.0%

*CAS No. 60207-90-1
**Contains petroleum distillates

Tilt formulation is an emulsifiable concentrate (EC)

Contains 3.6 lb of propiconazole per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-617

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Tilt Fungicide as permitted according to this Supplemental Labeling, read and follow all applicable directions, restrictions, and precautions on the EPA-registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and/or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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SPECIFIC DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Brassica, Leafy greens (Subgroup 5B) Cabbage, Chinese (bok choy) Collards Kale Mustard greens (See additional crops below)	Leaf Spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe polygoni*)	3 - 4	Begin applications at first sign of disease. Repeat on a 7-10-day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Brassica Leafy greens (Subgroup 5B): Broccoli raab; Cabbage, Chinese (bok choy); Collards, Kale, Mizuna, Mustard greens; Mustard spinach; Rape greens			
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 12 fl oz/A/season of Tilt. 2) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Dill	Cercospora Leaf Blight (*Cercosporidium punctum*) Powdery Mildew (*Erysiphe heraclei)*	3 - 4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 12 fl oz/A/season of Tilt. 2) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Quinoa	Leaf Spot (*Ascochyta hyalospora*) Stalk Rot *(Phoma exigua)*	4	Apply prior to disease development. An adjuvant may be added at recommended rates.
Application Directions: Tilt can be applied by either ground, chemigation, or aerial application.			
Specific Use Restrictions: 1) Do not apply within 7 days of harvest for forage or hay. 2) Do not apply more than 8 fl oz/A/season of Tilt. 3) Do not apply more than 4 fl oz/A/season of Tilt if forage or hay will be harvested. 4) Do not apply more than 0.22 lb ai propiconazole-containing products/A/season. 5) Do not apply within 30 days of harvest (30-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Radish	Cercospora Leaf spot (*Cercospora* spp.)	3 - 4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 14 days of harvest (14 day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Ti palm	Cercospora Leaf Spot (*Cercospora* spp.) Phyllosticta Leaf Spot	3 - 4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Watercress	Alternaria Leaf Spot (*Alternaria* spp.) Cercospora Leaf Spot (*C. nasturtii*)	3 - 4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. Make no more than 2 applications before harvesting leaves. Up to 4 applications can be made per season. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 3 days of harvest (3 day PHI).			

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Tilt 617A-S11 0216 – bb – 8-4-16

SUPPLEMENTAL LABELING

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 617A-S10 0414

Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.
9226.126

Tilt®

Fungicide

This supplemental label expires on 04/14/2017 and must not be used or distributed after this date.

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

Active Ingredient:	
Propiconazole*:	41.8%
*Other Ingredients***:	58.2%
Total:	100.0%

*CAS No. 60207-90-1
**Contains petroleum distillates

Contains 3.6 lbs. of propiconazole per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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EPA Reg. No. 100-617

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Tilt as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate fl. oz. product/A (lb ai/A)	Remarks
Rapeseed Subgroup 20A Canola including cultivars, varieties, and/or hybrids of these and others in this group (see below)	Alternaria black spot (*Alternaria brassicae*) Black leg/Phoma (*Leptosphaeria maculans*) Cercospora leafspot (*C. brassicicola*) Head rot (*Rhizoctonia solani*) Powdery mildew (*Erysiphe polygoni*)	2.6 – 4 (0.07 – 0.113)	For Phoma control, apply during the rosette stage between 2nd true leaf and bolting. For Alternaria, make an application at the end of flowering/early pod set. For other foliar diseases, apply at first sign of disease. For head rot, apply at 50% flowering. Make no more than one Tilt application per season. *Optional language if label has a rate range*: If disease pressure is high, use the highest rate.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Tilt can be applied by ground, air, or chemigation. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.			
Complete list of Rapeseed subgroup 20A: Borage, crambe, cuphea, echium, flax seed, gold of pleasure, hare's ear mustard, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, oil radish, poppy seed, rapeseed, sesame, sweet rocket and cultivars and/or hybrids of theses			
Specific Use Restrictions: 1) Do not apply more than 4 ozs./A of Tilt per crop. 2) Do not apply more than 0.113 lbs ai/A per crop of propiconazole-containing products. 3) Do not apply within 30 days of harvest (30 day PHI).			

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Tilt 617A-S10 0414 – tb – 4/30/14

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GROUP 3 FUNGICIDE

PULL HERE TO OPEN

Tilt®

STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9226.126

syngenta®

Fungicide

Broad spectrum fungicide for control of plant diseases

Active Ingredient:

Propiconazole*:	41.8%
*Other Ingredients***:	58.2%
Total:	100.0%

*CAS No. 60207-90-1
**Contains petroleum distillates
Tilt formulation is an emulsifiable concentrate (EC).
Contains 3.6 lb of propiconazole per gallon.

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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See additional precautionary statements and directions for use inside booklet.

See First Aid statement inside booklet or on container label.

EPA Reg. No. 100-617
EPA Est. 39578-TX-1
SCP 617A-L2U 1016
4073033

1 gallon
Net Contents

®

FIRST AID	
If in eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed	• Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN Contains petroleum distillates - vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call **1-800-888-8372**	

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 skin sensitization reactions in certain individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or Viton®
- Shoes and socks

All handlers using propiconazole as a seed piece treatment must wear:

- Chemical-resistant gloves
- A chemical-resistant apron

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

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

User Safety Recommendations

Users should:

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

Environmental Hazards

This pesticide is toxic to fish and shrimp. For terrestrial uses, 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.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

CONDITIONS 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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

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

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

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

DIRECTIONS FOR USE

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

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

AGRICULTURAL USE REQUIREMENTS

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

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

Tilt 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.

PRODUCT USE PRECAUTIONS

Important: Do not use Tilt 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 Tilt application to the preceding crop, unless the second crop appears on this label. Alfalfa can be planted 75 days after the last Tilt application if the total application of propiconazole has not exceeded 0.22 lb ai/A during the previous year.

Integrated Pest Management

Tilt 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. Tilt may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

RESISTANCE MANAGEMENT

GROUP 3 FUNGICIDE

Tilt is in the Group 3 class fungicides. The mode of action of Tilt 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. Syngenta Crop Protection encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label. Tilt should not be alternated or tank mixed with any fungicide to which resistance has already developed.

SPRAY EQUIPMENT

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

Wind Speed

Do not apply at wind speeds greater than 15 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversion

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

Other State and Local Requirements

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

Equipment

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

Additional requirements for aerial applications:

1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
2. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upward.

Thorough coverage is necessary to provide good disease control.

To avoid spray drift, do not apply when conditions favor drift beyond the target area. 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 Tilt 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.

Tilt Alone: Add 1/2-2/3 of the required amount of water to the spray or mixing tank. With the agitator running, add the Tilt to the tank. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the Tilt has completely dispersed into the mix water. Maintain agitation until all of the mixture has been sprayed.

Tilt + Tank Mixtures: Tilt is usually compatible with all tank mix partners listed on this label. To determine the physical compatibility of Tilt 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, then 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 1/2-2/3 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 Tilt to the spray tank. Allow the Tilt to completely disperse. Spray the mixture with the agitator running.

If using Tilt 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 Tilt with Syllit® or crop injury may occur.

APPLICATION 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 in 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 Tilt through irrigation equipment only to crops for which chemigation is specified on this label.

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

Tilt, 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 greenhouse 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 Tilt at full strength or deterioration of valves and seals may occur. Use a dilution ratio of at least 10 parts water to 1 part Tilt. Tilt 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

1. 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.
2. 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.
5. 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 Tilt 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 Tilt 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 Tilt required to treat the area covered by the irrigation system.
- Add the required amount of Tilt 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 Tilt 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 Tilt 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 30-minute interval. When applying Tilt through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Tilt required to treat the area covered by the irrigation system.
- Add the required amount of Tilt 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 injection equipment after treatment is completed. Continue to operate the system until the Tilt solution has cleared the last sprinkler head.

SPECIFIC DIRECTIONS FOR USE

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Almonds	Brown Rot Blossom Blight (*Monilinia laxa, M. fructicola*)	4-8	Apply Tilt at 5-10% bloom and 50-100% bloom. Under severe disease conditions, use the highest rate. Minimum retreatment interval is 7 days.
	Anthracnose (*Colletotrichum acutatum*)	8	Apply Tilt beginning at bud break on a 7-14 day interval.
Application: Tilt 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. Tilt 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 Tilt. 2) Do not apply more than 0.90 lb ai 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 Diseases	Use Rate fl oz product/A	Remarks
Banana and Plantains	Black Sigatoka (*Mycosphaerella fijiensis*)	3	Apply Tilt before disease symptoms appear at the onset of the rainy season. Apply 3 fl oz of Tilt/A in 10-20 gallons of water/A. Apply no more than 2 consecutive applications on a 21-25 day schedule before rotating to another labeled product with a different mode of action for at least 2 sprays. A maximum of 8 applications can be made. If possible, it is recommended to have at least 2 consecutive months 'triazole free' during the period of lower disease pressure.
	Mixing Procedures **Oil-in-Water Emulsion** 1. Add the crop oil to the spray tank. 2. Add the emulsifier (0.6 fl oz/gal of oil) and Tilt to the spray tank and mix thoroughly for 5 minutes. 3. Add water to the spray tank and mix thoroughly for 15 minutes. **Oil Alone** 1. Add crop oil to the spray tank. 2. Add the Tilt to the spray tank and mix thoroughly for 5 minutes. Maintain agitation.		

Specific Use Restrictions:
1) Do not apply Tilt within 100 yards of non-bagged bananas.
2) Do not apply Tilt on bananas unless they are protected by polyethylene bags.
3) Do not apply Tilt on plantains if the fruit present are not protected with polyethylene bags.
4) Do not apply more than 24 fl oz of Tilt 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 ai propiconazole-containing product/A/season.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Beans, Dry and Succulent Bean (*Cicer arietinum*) (*Lupinus* spp.) (*Phaseolus* spp.) (*Vigna* spp.) (*Vicia faba*) See below for complete list of dry and succulent beans.	Bean rust (*Uromyces appendiculatus*) Anthracnose (*Colletotrichum lindemuthianum*) Alternaria leaf spot (*Alternaria alternata*) Ascochyta leaf spot (*Ascochyta phaseolorum*) Rust (*Phakopsora* spp.) Southern blight (*Sclerotium rolfsii*) Web blight (*Rhizoctonia solani*) Ascochyta blight (*Mycosphaerella pinodes*) Ascochyta leaf and pod spot (*Ascochyta* spp.) Alternaria blight (*Alternaria* spp.)	4	Apply when conditions are conducive for disease. Up to three applications may be made on a 7-14 day interval. NOTE: On certain bean varieties, Tilt application may cause crinkled and/or greener leaves. Yields of beans displaying these characteristics have not been reduced.
Dry and Succulent Beans: *Cicer arietinum* (chickpea, garbanzo bean); *Lupinus* spp. (including sweet lupine, white sweet lupine, white lupine, and grain lupine), *Phaseolus* spp. (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and wax bean); *Vicia faba* (broad bean, fava bean); *Vigna* spp. (including asparagus bean, blackeyed pea and cowpea)			
Application Instructions: Tilt may be applied by ground or by air.			
Specific Use Restrictions: 1) Do not apply more than 12 oz of Tilt /crop/A. 2) Do not apply more than 0.34 lb ai of propiconazole-containing products. 3) Do not apply within 7 days of harvest (7-day PHI). 4) Not for use on cowpea cultivars intended for livestock feeding only.			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Berry, Caneberry Subgroup 13-07A Blackberry Loganberry Red and Black Raspberry Wild Raspberry Cultivars, varieties, and/or hybrids of these. See additional crops below. **Berry, Bushberry Subgroup 13-07B** Highbush Blueberry Lowbush Blueberry Highbush Cranberry Black Currant Red Currant Elderberry Gooseberry Lingonberry Native Currant Cultivars, varieties, and/or hybrids of these. See additional crops below. **Low Growing Berries (See Strawberry section)**	Mummyberry Disease (*Monilinia vaccinicorymbosi*)	6	Make first application of Tilt beginning at green tip and repeat in 7-10 days. If conditions are favorable for disease development, additional applications may need to be made at pink bud and repeating every 7-10 days through petal fall.
	Leaf Spot and Stem Canker (*Septoria albopuncatata*) Rust (*Pucciniastrum vaccinii*)	6	Apply when conditions favor disease development. Repeat applications on a 4-week spray interval.
	Leaf and Cane Spot (*Septoria rubi*)	6	Apply as a delayed dormant spray after training in the spring. Repeat this application in the late spring, again at bud break, and again once flowering has begun.
	Powdery Mildew (*Microsphaera vaccinii*)	6	Apply Tilt at 5-10% bloom. Repeat this application at full bloom and on a 14 day interval while conditions are favorable for disease development.
	Leaf Spot (*Septoria* spp.)	6	Make first application any time prior to bloom and again after petal fall. If needed, repeat application just after harvest.
Additional Caneberries: Bingleberry, Boysenberry, Dewberry, Lowberry, Marionberry, Olallieberry, Youngberry **Additional Bushberries:** Aronia Berry, Buffalo Currant, Chilean Guava, European Barberry, Edible Honeysuckle, Huckleberry, Jostaberry, Juneberry (Saskatoon Berry), Salal, Sea Buckthorn			
Application: Tilt 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. Tilt 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 Tilt. 2) Do not apply within 30 days of harvest. 3) Do not apply more than 0.84 lb ai propiconazole-containing product/A/season.			

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Brassica, Leafy greens (Subgroup 5B) Cabbage, Chinese (bok choy) Collards Kale Mustard greens (See additional crops below)	Leaf Spot (*Cercospora* spp.) Powdery Mildew (*Erysiphe polygoni*)	3-4	Begin applications at first sign of disease. Repeat on a 7-10-day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Brassica Leafy greens (Subgroup 5B): Broccoli raab; Cabbage, Chinese (bok choy); Collards, Kale, Mizuna, Mustard greens; Mustard spinach; Rape greens			
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 12 fl oz/A/season of Tilt. 2) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Bulb Vegetables **Bulb Onions Subgroup 3-07A** Garlic Bulb Onions Bulb Shallot Bulb Cultivars, varieties, and/or hybrids of these. See additional crops below. **Green Onions Subgroup 3-07B** Leek Fresh Onion Green Onion Fresh Shallot Leaves Cultivars, varieties, and/or hybrids of these. See additional crops below.	Purple Blotch (*Alternaria porri*) Suppression of Botrytis Leaf Blight (*Botrytis squamosa*)	Tilt solo 4-8	Begin applications when conditions favor disease development and continue on a 7-10 day interval. Use the higher rate and shorter interval when disease conditions are severe.
		Tilt plus tank mix partner 2-4	Apply 2-4 oz of Tilt in combination with another fungicide registered for control of botrytis leaf blight or purple blotch. Begin applications when conditions favor disease development and continue on 7-day interval or according to the tank mix partner label. Use the higher rate when disease conditions are severe. To achieve optimum disease control, use a wetting agent or spreader-sticker.

Additional Bulb Onions: Daylily, Fritillaria, Great-headed Garlic, Serpent Garlic, Lily, Chinese Onion, Pearl Onion, Potato Onion
Additional Green Onions: Fresh Chive Leaves, Fresh Chinese Chive Leaves, Hosta Elegans, Fritillaria Leaves, Kurrat, Lady's Leek, Wild Leek, Beltsville Bunching Onion, Macrostem Onion, Tree Tops Onion, Welsh Onion Tops

Application: Tilt 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. Tilt 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 Tilt.
2) Do not apply within 14 days of harvest on bulb onion types.
3) Tilt may be applied at 0-day PHI (day of harvest) for green onion types.
4) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Carrots	Leaf Blights (*Cercospora carotae*) (suppression of *Alternaria dauci*) Powdery Mildew (*Erysiphe polygoni*)	4	Apply 4 oz of Tilt when conditions favor disease development. Continue applications on a 7-10 day interval, using the shorter interval when disease conditions are severe. If desired, a spreader-sticker may be used.
		Tilt plus chlorothalonil 2	Apply 2 oz of Tilt with 0.75 lb ai of chlorothalonil/A (1 pint Bravo WeatherStik). Begin applications when conditions favor disease development. Continue applications on a 7-10 day interval.
Application: Tilt 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. Tilt may be applied by either ground (a minimum of 15 gal/A) or aerial application (a minimum of 5 gal/A), or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply within 14 days of harvest. 3) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.			
Celery and Leaf Petioles Subgroup 4B Celery Celery, Chinese Cardoon Celtuce Fennel, Florence Rhubarb Swiss Chard	Early Blight (*Cercospora apii*) Late Blight (*Septoria apicola*)	4	Apply Tilt on a 7 day schedule, either by ground or aerial application. If desired, Tilt may be mixed with appropriate spreader-sticker.
Application: Tilt 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. Tilt may be applied by either ground (a minimum of 10 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 Tilt. 2) Do not apply within 14 days of harvest. 3) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cereals Wheat See next section for other cereals.	**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 Tilt in the spring. Follow up with a second application up to Feekes growth stage 10.5 for season long control. Applications may be made no closer than a 14-day interval.
	Control of Leaf Diseases: Rust (*Puccinia* spp.) Powdery Mildew (*Blumeria* spp., *Erysiphe* spp.) Leaf Blight (*Septoria tritici*) Glume Blotch (*Stagonospora nordorum*) Tan Spot (*Pyrenophora tritici-repentis*) Helminthosporium Leaf Blight (*Drechslera tritici-repentis*) Spot Blotch (*Bipolaris sorokiniana*) Net Blotch (*Pyrenophora teres*)	4	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Tilt is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer than a 14-day interval. The use of oil-base adjuvant may improve the spray coverage and canopy penetration. Tilt can be applied through full head emergence (Feekes growth stage 10.5). Do not apply after this stage to avoid possible illegal residues.
	Foot Rot (*Pseudocercosporella* spp.)	4	Apply Tilt plus half rates of other EPA registered fungicides such as Topsin® M. Apply at tillering, but before elongation has occurred.
	Fusarium Head Blight Suppression	4	Apply Tilt at approximately 50% flowering. Addition of a penetrating type of adjuvant may increase Fusarium head blight suppression.

Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.

Specific Use Restrictions:
1) Do not apply within 7 days of harvest for forage or hay.
2) Do not apply more than 8 fl oz/A/season of Tilt.
3) Do not apply more than 4 fl oz/A/season of Tilt if forage or hay will be harvested.
4) Do not apply more than 0.22 lb ai propiconazole-containing products/A/season.
5) Do not apply after Feekes 10.54 in wheat.

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

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cereals ***(continued)*** Barley Rye Triticale Oats	Fusarium Head Blight Suppression	4	Apply Tilt at approximately 50% flowering. Addition of a penetrating type of adjuvant may increase Fusarium head blight suppression.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply within 7 days of harvest for forage or hay. 2) Do not apply more than 8 fl oz/A/season of Tilt. 3) Do not apply more than 4 fl oz/A/season of Tilt if forage or hay will be harvested. 4) Do not apply more than 0.22 lb ai propiconazole-containing products/A/season. 5) Do not apply after Feekes 10.54.			
Citrus (non-bearing) Calamondin Citron Citrus hybrids Grapefruit Kumquat Lemon Lime Mandarin Orange (sour and sweet) Pummelo Satsuma Mandarin Tangerine Including all cultivars and/or hybrids of these.	Greasy Spot (*Mycosphaerella citri*)	6-8	Begin applications in June. Apply on 30 day interval through August.
Application: Tilt 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. Tilt may be applied by either ground or aerial application (a minimum of 15 gal/A).			
Specific Use Restrictions: 1) Do not apply more than 24 fl oz/A/season of Tilt. 2) Do not apply to citrus that will bear harvestable fruit within 12 months. 3) Do not apply more than 0.67 lb ai propiconazole-containing product/A/season.			

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Corn Field Seed Popcorn **Sweet Corn**	Northern Corn Leaf Blight *(Setosphaeria turcica)* Northern Corn Leaf Spot (*Cochiliobolus carbonum*) Southern Corn Leaf Blight (*Cochliobolus heterostrophus*) also known as Helminthosporium Leaf Blights *(H. maydis, H. turcicum, H. carbonum)*	2-4	For leaf blights apply Tilt when disease first appears. Continue on a 7-14 day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate.
	Rusts (*Puccinia* spp.) Gray Leaf Spot (*Cercospora zeae-maydis*) Eye Spot (*Aureobasidium zeae*)	4	Apply Tilt when disease first appears. If conditions favorable for disease persist, continue to apply on a 7-14 day schedule. For best disease control, early applications (at initial disease onset) perform better.

Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.

Specific Use Restrictions:

For Field Corn, Field Corn Grown for Seed, and Popcorn

1) Do not apply more than 16 fl oz/A/season of Tilt.
2) Do not apply within 30 days of harvest for forage, grain and stover.
3) Do not apply more than 8 fl oz/A/season of Tilt on field corn harvested for forage.
4) Do not apply more than 0.45 lb ai propiconazole-containing products/A/season.

For Sweet Corn:

1) Do not apply within 14 days of harvest for ears.
2) Do not apply within 14 days of harvest for forage.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Cranberries	Cottonball *(Monilinia oxycocci)*	4-6	Make the first application at leaf bud break and repeat in 14 days. Make the third application at early bloom and repeat in 14 days. Under severe pressure, use the higher rate for control.
Application: Tilt 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. Tilt 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 Tilt. 2) Do not apply within 45 days of harvest for cranberries. 3) Do not apply more than 0.67 lb ai propiconazole-containing product/A/season. 4) Use is limited to OR, WA and WI.			
Dill	Cercospora Leaf Blight (*Cercosporidium punctum*) Powdery Mildew (*Erysiphe heraclei*)	3-4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 12 fl oz/A/season of Tilt. 2) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Filberts (Hazelnuts)	Eastern Filbert Blight (*Anisogramma anomala*)	5-8	Begin applications when green leaf tissue becomes visible and continue on 14-21 day interval. Under severe disease conditions, use the higher rate and shorter interval. NOTE: On certain varieties, Tilt applications may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Tilt treatments.
Application: Tilt 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. Tilt 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 Tilt. 2) Do not apply more than 0.90 lb ai 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.			
Garden Beets	Leaf Spot (*Cercospora beticola*) Powdery Mildew (*Erysiphe polygoni*)	3-4	Begin applications at first sign of disease. Repeat on a 14-day interval. Make no more than 2 consecutive applications before rotating to another registered fungicide with a different mode of action. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply within 14 days of harvest. 3) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Grasses grown for seed (Cool season grasses only)	Rusts (*Puccinia* spp.) Powdery Mildew (*Erysiphe graminis*) Selenophoma Stem Eyespot (*Selenophoma* spp.) Ergot Stem Diseases	4-8	Apply Tilt when powdery mildew infections, *Selenophoma* infections, and/or rust pustules are noticeable and increasing in number in late spring or early summer. Apply on a 14-21 day interval. To maximize control of severe rust pressure, apply 8 fl oz/A and make applications at 14-day intervals until the seed is mature. Make the last application at least 20 days before seed matures. For bluegrass, it is important to begin application early in the growing season.
Application: Tilt 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. Tilt may be applied by ground, air (a minimum of 10 gal/A), or chemigation.			
Specific Use Restrictions: 1) Do not feed hay cut within 20 days of the last application. 2) Do not graze treated areas within 140 days of the last application. 3) Do not apply more than 32 fl oz/A/season of Tilt. 4) Do not apply more than 0.90 lb ai propiconazole-containing products/A/season. 5) Do not apply to Bermudagrass grown for seed.			
Mint Peppermint Spearmint	Rust (*Puccinia menthae*)	4	Begin applications when the plants are 2-4 inches high or when conditions become favorable for disease development. Continue on a 14-day interval as conditions warrant.
Application: Tilt 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. Tilt may be applied by ground in a minimum of 20 gal/A or by aerial in a minimum of 2 gal/A.			
Specific Use Restrictions: 1) Do not apply within 7 days of harvest. 2) Do not exceed 12 fl oz of product/A/season. 3) Do not apply more than 0.338 lb ai propiconazole-containing product/A/season.			

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Parsley, Fresh and Dried Leaves **Cilantro (Coriander), Leaves**	Leaf Spot (*Cercospora* spp.) Leaf Spot (*Alternaria* spp.) Powdery Mildew (*Erysiphe* spp.)	3-4	Begin applications at first sign of disease. Repeat on a 14-day interval. Make no more than 2 consecutive applications before rotating to another registered fungicide with a different mode of action. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply within 14 days of harvest. 3) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Peanuts	Early Leaf Spot (*Cercospora arachidicola*) Late Leaf Spot (*Cercosporidium personatum*) Rust (*Puccinia arachidis*) Web Blotch (*Phoma arachidicola*)	2.5-4 4 4 4	Apply Tilt beginning 35-40 days after planting or at the first appearance of disease. Continue applications on a 10-14 day schedule. Under heavy disease pressure use higher recommended application rates. Tilt also may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development. Tilt may be applied by ground, air or chemigation.
	Southern Stem Rot (*Sclerotium rolfsii*)		Apply Tilt using one of following schedules: A. Apply 4 fl oz/A of Tilt 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. B. Apply 8 fl oz/A of Tilt to the crown and pegging zones of the plant using chemigation or directed ground application. Make 2 applications: the first at pegging (approximately 60 days after planting) or at the first appearance of disease, and the second application 3-4 weeks later. Irrigation: When applying Tilt 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 Tilt 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 Tilt.
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 used high use rate (8 fl oz/A).
4) Do not feed hay from treated fields to livestock if used high rate (8 fl oz/A).
5) Do not apply more than 0.45 lb ai propiconazole-containing products/A/season.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Pecans	Pecan Scab (*Cladosporium caryigenum*) Downy Spot (*Mycosphaerella caryigena*) Liver Spot (*Gnomonia caryae pv pecanae*) Vein Spot (*Gnomonia nerviseda*) Zonate Leaf Spot (*Cristulariella moricola*) Powdery Mildew (*Microsphaera penicillata*)	4-8	Pecan scab: Apply 4-8 fl oz/A on a 14 day schedule during bud break and pre-pollination sprays. Apply 6-8 fl oz/A during nut formation and cover sprays. Use higher rates when disease pressure is heavier. Other listed foliar diseases: Apply 4 fl oz/A with other registered pecan products labeled for these mid to late season foliar diseases. Observe all directions, precautions, and limitations for the other products.
Application: Tilt 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. Tilt may be applied by either ground or by aerial application (a minimum amount 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 http://www.epa.gov/espp/bulletins.htm. 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 Tilt. 2) Do not apply after shuck split. 3) Do not apply more than 0.90 lb ai propiconazole-containing products/A/season. 4) Do not graze livestock in treated areas or cut treated cover crop for feed.			
Pineapple (Hawaii only)	Butt rot (*Ceratocystis paradoxa*)	0.75 fl oz/ 100 gal of water (1:17,000)	Treatments can be made in either a cold or hot water dip. Cold Water Dip: Immerse crowns to give thorough wetting, remove, and allow to drain. Hot Water Dip: Maintain water temperature at 125°F (52°C). Soak crown for 20-30 minutes, remove, and 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 Diseases	Use Rate fl oz product/A	Remarks
Pistachios	Botrysphaeria Panicle and Shoot Blight (*Botryosphaeria dothidea*)	5-8	Begin applications when green leaf tissue becomes visible and continue on a 14-21 day interval. Under severe disease conditions, use the higher rate and the shorter interval. NOTE: Under certain conditions Tilt applications may cause smaller and/or greener leaves. Yields of pistachios displaying these characteristics have not been reduced due to Tilt treatments.
Application: Tilt 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. Tilt 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 Tilt. 2) Do not apply within 60 days of harvest. 3) Do not apply more than 0.90 lb ai propiconazole-containing product/A/season. 4) Do not graze livestock in treated areas or cut treated cover crop for feed.			
Quinoa	Leaf Spot (*Ascochyta hyalospora*) Stalk Rot (*Phoma exigua*)	4	Apply prior to disease development. An adjuvant may be added at recommended rates.
Application Directions: Tilt can be applied by either ground, chemigation, or aerial application.			
Specific Use Restrictions: 1) Do not apply within 7 days of harvest for forage or hay. 2) Do not apply more than 8 fl oz/A/season of Tilt. 3) Do not apply more than 4 fl oz/A/season of Tilt if forage or hay will be harvested. 4) Do not apply more than 0.22 lb ai propiconazole-containing products/A/season. 5) Do not apply within 30 days of harvest (30-day PHI).			

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Radish	Cercospora Leaf spot (*Cercospora* spp.)	3-4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 14 days of harvest (14 day PHI).			
Rapeseed Subgroup 20A **Canola** including cultivars, varieties, and/or hybrids of these and others in this group (see below)	Alternaria black spot (*Alternaria brassicae*) Black leg/Phoma (*Leptosphaeria maculans*) Cercospora leafspot (*C. brassicicola*) Head rot (*Rhizoctonia solani*) Powdery mildew (*Erysiphe polygoni*)	2.6–4 (0.07–0.113)	For Phoma control, apply during the rosette stage between 2nd true leaf and bolting. For Alternaria, make an application at the end of flowering/early pod set. For other foliar diseases, apply at first sign of disease. For head rot, apply at 50% flowering. Make no more than one Tilt application per season. If disease pressure is high, use the highest rate.
Application: For best results, sufficient water volume must be used to provide thorough coverage. Tilt can be applied by ground, air, or chemigation. For chemigation, apply in 0.1-0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy.			
Complete list of Rapeseed subgroup 20A: Borage, crambe, cuphea, echium, flax seed, gold of pleasure, hare's ear mustard, lesquerella, lunaria, meadowfoam, milkweed, mustard seed, oil radish, poppy seed, rapeseed, sesame, sweet rocket and cultivars and/or hybrids of these			
Specific Use Restrictions: 1) Do not apply more than 4 oz/A of Tilt per crop. 2) Do not apply more than 0.113 lb ai/A per crop of propiconazole-containing products. 3) Do not apply within 30 days of harvest (30 day PHI).			

Crop	Target Diseases	Use Rate fl oz 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*) 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	Timing of Tilt application 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. Tilt should be applied on either of the following schedules as an aerial spray in 5-10 gal of water/A. 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. Tilt 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. 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. Tank mix option: Apply 6 fl oz/A of Tilt in a tank mix with Quadris or other fungicides for control of rice diseases.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Wild Rice (MN only)	Helminthosporium Leaf Blight (*Helminthosporium* sp.) Brown Spot (*Bipolaris* spp.)	6-8	Apply 6 fl oz/A of Tilt at both booting and heading, or make a single application of 8 fl oz/A at booting. Minimum re-application interval is 10 days.

Application: Tilt 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. Tilt must be applied by air.

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 http://www.epa.gov/espp/bulletins.htm. 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 Tilt.
6) Do not apply within 35 days of harvest.
7) Do not apply more than 0.34 lb ai propiconazole-containing products/A/season.
8) Do not release flood water within 7 days of an application.

Sorghum	Ergot (*Claviceps sorghi*)	3-4	Make the first application at or just prior to flowering. Repeat on a 5-7 day interval. Apply up to 4 times.

Application: Tilt 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. Tilt may be applied by either ground (a 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 Tilt.
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 Tilt (0.22 lb ai propiconazole) on sorghum harvested for forage.
6) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.

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

Application: Tilt 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. Tilt may be applied by either ground or aerial application. Addition of an oil-based additive is recommended for improved coverage and penetration when applying by air.

Specific Use Restrictions:
1) Do not apply more than 12 fl oz/A/season of Tilt.
2) Apply up to Stage R6.
3) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Stone Fruits Crop Group 12-12 Apricots Cherries, Sweet Cherries, Tart Nectarines Peaches Plums Plumcot Prunes	Brown Rot Blossom Blight (*Monilinia* spp.)	4	Apply Tilt at early bloom stage. If disease pressure is low, a second application may be made as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, make a second application from 75-100% bloom and a third application at petal fall.
	Fruit Brown Rot (*Monilinia* spp.)	4	Apply as needed a maximum of 2 sprays during the preharvest period up to the day of harvest (0-day PHI). If high inoculum and severe disease conditions persist, apply another registered fungicide after the 2 Tilt applications.
	Powdery Mildew (*Podosphaera* spp.) Cherry Leaf Spot (*Blumeriella jaapii*) Rust (*Tranzschelia discolor*)	4	Follow the Brown Rot Blossom Blight schedule. Make up to 2 additional applications on a 10-14 day interval from the end of petal fall to harvest.

Application: Tilt 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. Tilt may be applied by ground or air (a minimum of 15 gal/A).

Complete List of Stone Fruit Crops: Apricot; apricot, Japanese; capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry, tart; Jujube, Chinese; nectarine; peach; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; plumcot; sloe; cultivars, varieties, and/or hybrids of these.

Precaution: Applications of Tilt 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 Tilt 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 Tilt.
2) Tilt may be applied at 0-day PHI (day of harvest).
3) Do not apply more than 0.56 lb ai propiconazole-containing product/A/season.

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Strawberry and other Low Growing Berry Subgroup 13-07G (except Cranberry) See additional crops below.	Anthracnose (*Colletotrichum acutatum*) Leaf Spot (*Cercospora fragariae*) Powdery Mildew (*Sphaerotheca macularis*) Leaf Rust (*Phragmidium potentillae*)	4	Begin applications when disease levels are no more than 5%. Apply 4 fl oz/A of Tilt up to 4 times on a 7-day interval. Make no more than 2 consecutive applications before rotating to another registered fungicide with a different mode of action.
Additional Low Growing Berries: Bearberry, Bilberry, Cloudberry, Muntries, Partridgeberry			
Application: Tilt 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. Tilt 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 Tilt. 2) Tilt may be applied at 0-day PHI (day of harvest). 3) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season.			
Sugar Beets	Leaf Spot (*Cercospora beticola*) Powdery Mildew (*Erysiphe polygoni*)	4	Begin applications at first sign of disease. Repeat on a 10-14 day interval. Make no more than 2 consecutive applications before rotating to another registered fungicide with a different mode of action. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 12 fl oz/A/season of Tilt. 2) Do not apply within 21 days of harvest. 3) Do not apply more than 0.34 lb ai propiconazole-containing product/A/season.			

continued...

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Sugarcane	Pineapple disease (*Ceratocystic paradoxa*)	0.75 fl oz/ 100 gal of water (1:17,000)	Apply Tilt to cut seed pieces using one of following methods: Cold Water Dip: Immerse seed pieces to give thorough wetting, remove, and allow to drain. Hot Water Dip: Maintain water temperature at 125° F (52°C). Soak the seed pieces for 20-30 minutes, remove, and allow to drain. Conveyer Belt Treatment: Treat seed pieces with Tilt/water solution using in-line directed spray sufficient to wet cut ends.
	Brown Rust (*Puccinia melanocephela*) Orange Rust (*Puccinia kuehnii*)	6	Apply Tilt as a foliar application prior to rust development and continue throughout the season every 14-28 days. If disease pressure is high, use the shortest interval. Tilt may be applied by ground, air or chemigation.
Specific Use Restrictions: 1) Dispose of used dip solution according to local, state, and federal regulations. 2) Do not use treated seed pieces for food or feed. 3) Do not apply more than 24 fl oz/A/season of Tilt. 4) Tilt may be applied within 30 days of harvest. 5) Do not apply more than 0.675 lb ai propiconazole-containing product/A/season.			
Ti palm	Cercospora Leaf Spot (*Cercospora* spp.) Phyllosticta Leaf Spot	3-4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 7 days of harvest (7-day PHI).			

Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Tree Nuts Crop Group 14-12 **See list below for tree nuts** See specific directions for Almond Filbert Pecan Pistachios	Foliar Diseases	4-8	Apply Tilt at first sign of disease. Repeat on a 7-14 day interval.

Application: Tilt 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. Tilt may be applied by either ground or aerial application (a minimum of 15 gal/A). For best control of tree nut diseases, ground applications are recommended.

Complete List of Tree Nut Crops: African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these.

Specific Use Restrictions:
1) Do not apply more than 32 fl oz/A/season of Tilt.
2) Do not apply within 60 days of harvest except for pecans (see specific directions).
3) Do not apply more than 0.90 lb ai propiconazole-containing product/A/season.
4) Do not graze livestock in treated areas or cut treated cover crop for feed.

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Crop	Target Diseases	Use Rate fl oz product/A	Remarks
Watercress	Alternaria Leaf Spot (*Alternaria* spp.) Cercospora Leaf Spot (*C. nasturtii*)	3-4	Begin applications at first sign of disease. Repeat on a 7-10 day interval. Make no more than 2 applications before harvesting leaves. Up to 4 applications can be made per season. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.
Application: Tilt 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. Tilt may be applied by ground, air, or chemigation.			
Specific Use Restrictions: 1) Do not apply more than 16 fl oz/A/season of Tilt. 2) Do not apply more than 0.45 lb ai propiconazole-containing product/A/season. 3) Do not apply within 3 days of harvest (3 day PHI).			

Fl Oz of Tilt/Acre	Lb AI/Acre	Acres Treated Per 1 Gallon Tilt
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
16	0.45	8
20	0.56	6.4
24	0.67	5.3
30	0.84	4.3
32	0.90	4

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in the original container in 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 Handling [less than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

Container Handling [greater than 5 gallons]

Refillable container. Refill this container with pesticide only. Do not reuse the container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from container into application equipment or mix tank. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

continued…

STORAGE AND DISPOSAL *(continued)*

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

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

SCP 617A-L2U 1016
4073033

GROUP 3 FUNGICIDE

Tilt®

Fungicide

Broad spectrum fungicide for control of plant diseases

Active Ingredient:

Propiconazole*:	41.8%
Other Ingredients**:	58.2%
Total:	100.0%

*CAS No. 60207-90-1
**Contains petroleum distillates

Contains 3.6 lb of propiconazole per gallon.

Tilt formulation is an emulsifiable concentrate (EC).

See additional precautionary statements and directions for use inside booklet.

See First Aid statement inside booklet or on container label.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

EPA Reg. No. 100-617 EPA Est. 39578-TX-1

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

SCP 617A-L2U 1016
4073033

1 gallon

Net Contents

(01) 0 07 02941 53350 9

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.)

FIRST AID

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

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

NOTE TO PHYSICIAN: Contains petroleum distillates - vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call **1-800-888-8372**.

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 skin sensitization reactions in certain individuals.

Environmental Hazards: This pesticide is toxic to fish and shrimp. For terrestrial uses, 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.

Physical or Chemical Hazards: Do not use, pour, spill, or store near heat or open flame.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in the original container in 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 Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by State and local authorities.

Chemigation: Refer to supplemental labeling in attached booklet for use directions on chemigation. Do not apply this product through any type of irrigation system unless the supplemental labeling is followed.

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

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