



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

NOV 25 2008

Ruhi Rezaaiyan  
Senior Regulatory Product Manager  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300

Subject: Tilt Fungicide  
EPA Reg. No. 100-617  
Your amendment dated July 11, 2008  
EPA Decision Number 397957

Dear Dr. Rezaaiyan:

The revised supplemental label referred to above, submitted August 26, 2008 in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable.

One copy of the label stamped "Accepted" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment.

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

Sincerely,

A handwritten signature in black ink that reads "Shaja B. Joyner". The signature is written in a cursive, flowing style.

Shaja B. Joyner  
Product Manager (20)  
Fungicide Branch  
Registration Division (7505P)

Enclosure

**SUPPLEMENTAL LABEL**



**Syngenta Crop Protection, Inc.**  
P.O. Box 18300  
Greensboro, NC 27419-8300  
[www.syngenta-us.com](http://www.syngenta-us.com)

**GROUP 3 FUNGICIDE**

**Tilt®**

**Fungicide**

Broad spectrum fungicide for control of plant diseases

Supplemental label for almonds, filberts, pecans, pistachios, rice and tree nuts

*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**

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.)

**EPA Reg. No. 100-617**

**DIRECTIONS FOR USE**

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

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 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.

SCP 617A-S3 0608

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RECEIVED  
NOV 25 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
this product is registered for the pesticide  
100-617

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Almonds	Brown Rot Blossom Blight ( <i>Monilinia laxa</i> , <i>M. fructicola</i> )	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.
	Anthrachnose ( <i>Collectotrichum acutatum</i> )	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. a.i. propiconazole containing product/A/season.
- 3) Do not apply within 60 days of harvest.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Filberts (Hazelnuts)	Eastern Filbert Blight ( <i>Anisogramma anomala</i> )	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. a.i. propiconazole containing product/A/season.
- 3) Do not apply within 60 days of harvest.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Pecans	Pecan Scab ( <i>Cladosporium caryigenum</i> ) Downy Spot ( <i>Mycosphaerella caryigena</i> ) Liver Spot ( <i>Gnomonia caryae</i> pv <i>pecanae</i> ) Vein Spot ( <i>Gnomonia nerviseda</i> ) Zonate Leaf Spot ( <i>Cristulariella moricola</i> ) Powdery Mildew ( <i>Microsphaera penicillata</i> )	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 [www.epa.gov/espp/bulletins.htm](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. a.i. of propiconazole containing products/A/season.
- 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
Pistachios	Botryosphaeria Panicle and Shoot Blight ( <i>Botryosphaeria dothidea</i> )	5-8	Begin applications when green leaf tissue becomes visible and continue on a 14-21 days 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. a.i. propiconazole containing product/A/season.
- 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
Rice	Sheath Blight ( <i>Rhizoctonia solani</i> ) Brown Leaf Spot ( <i>Helminthosporium oryzae</i> ) Narrow Brown Leaf Spot ( <i>Cercospora oryzae</i> ) Leaf Smut ( <i>Entyloma oryzae</i> ) Sheath Spot ( <i>Rhizoctonia oryzae</i> ) Kernel Smut ( <i>Tilletia barclayana</i> ) Aggregate Sheath Spot ( <i>Rhizoctonia oryzae-sativa</i> ) Black Sheath Rot ( <i>Gaeumannomyces graminis</i> )  <b>For disease suppression of:</b> False Smut ( <i>Ustilaginoidea virens</i> ) Stem Rot ( <i>Sclerotium oryzae</i> )	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.
Wild Rice (MN only)	Helminthosporium Leaf Blight ( <i>Helminthosporium</i> spp.) Brown Spot ( <i>Bipolaris</i> 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 [www.epa.gov/espp/bulletins.htm](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. a.i. propiconazole containing products/A/season.
- 8) Do not release flood water within 7 days of an application.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
<b>Tree Nuts</b>	Foliar Diseases	4-8	Apply Tilt at first sign of disease. Repeat on a 7-14 day interval.
Almond (see specific directions)			
Beechnut			
Brazil Nut			
Butternut			
Cashew			
Chestnut			
Chinquapin			
Filbert (see specific directions)			
Hickory			
Macadamia			
Pecan (see specific directions)			
Walnut			
Pistachios (see specific directions)			

**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.

**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. a.i. propiconazole containing product/A/season.
- 4) Do not graze livestock in treated areas or cut treated cover crop for feed.

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