

100-617

05/27/2011

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

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

MAY 27 2011

Dear Dr. Rezaaiyan:

SUBJECT: Tilt  
EPA Registration Number 100-617  
Your submission of December 9, 2009  
Supplemental labeling amending the mint application directions and adding  
additional members of the berry and bulb vegetable crop groups  
OPPIN Decision Number 424491

The supplemental label referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended is acceptable.

In addition, please note the following data gaps:

- Guideline 870.7800 – Immunotoxicity
- Guideline 870.6200b – Subchronic Neurotoxicity
- Guideline 850.1500 – Estuarine/marine Fish Lifecycle Study
- Guideline 850.1300 – Estuarine Invertebrate Lifecycle Study

This supplemental label must be incorporated into the main label within 18 months or at the next label printing, whichever comes first. Please submit one copy of your final printed supplemental labeling before the product is released for shipment. A stamped copy of the label is enclosed for your records. If you have any questions, please contact Lisa Jones on my team at (703) 308-9424 or [jones.lisa@epa.gov](mailto:jones.lisa@epa.gov).

Sincerely,

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

**SUPPLEMENTAL LABEL**

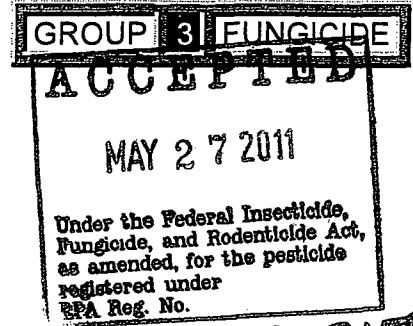
Syngenta Crop Protection, Inc.  
P. O. Box 18300  
Greensboro, North Carolina 27419-8300  
SCP

Tilt®

Fungicide

Broad spectrum fungicide for control of plant diseases

Supplemental label for bulb vegetables, berries, and mint



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**

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. 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	Remarks
<b>Bulb Vegetables</b>	Purple Blotch ( <i>Alternaria porri</i> )	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.
<b>Bulb Onions</b> Garlic Bulb Onion Bulb Shallot Bulb  Cultivars, varieties, and/or hybrids of these. See additional crops below.  <b>Green Onions</b> Leek Fresh Onion Green Onion Fresh Shallot Leaves  Cultivars, varieties, and/or hybrids of these. See additional crops below.	Suppression of Botrytis Leaf Blight ( <i>Botrytis squamosa</i> )	Tilt plus tank mix partner 2-4	Apply 2-4 oz. fl. 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. a.i. propiconazole containing product/A/season.

**ACCEPTED**  
  
 MAY 27 2011  
  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under  
 EPA Reg. No.

100-617

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
<b>Caneberries</b> Blackberry Loganberry Red and Black Raspberry	Mummyberry Disease ( <i>Monilinia vaccinocorymbosi</i> )	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.
Wild Raspberry Cultivars, varieties, and/or hybrids of these. See additional crops below.	Leaf Spot and Stem Canker ( <i>Septoria albopunctata</i> )  Rust ( <i>Pucciniastrum vaccinii</i> )	6	Apply when conditions favor disease development. Repeat applications on a 4-week spray interval.
<b>Bushberries</b> Highbush Blueberry	Leaf and Cane Spot ( <i>Septoria rubi</i> )	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.
Lowbush Blueberry Highbush Cranberry	Powdery Mildew ( <i>Microsphaera vaccinii</i> )	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.
Black Currant Red Currant Elderberry Gooseberry Lingonberry Native Currant	Leaf Spot ( <i>Septoria spp.</i> )	6	Make first application any time prior to bloom and again after petal fall. If needed, repeat application just after harvest.
Cultivars, varieties, and/or hybrids of these. See additional crops below.			
<b>Low Growing Berries (See Strawberry section)</b>			

**Additional Caneberries:** Bingleberry, Boysenberry, Dewberry, Lowberry, Marionberry, Olallieberry, Youngberry

**Additional Bushberries:** Aronia Berry, Buffalo Currant, Chilean Guava, European Barberry, Edible Honeysuckle, Huckleberry, Kostaberry, 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. a.i. propiconazole containing product/A/season.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
Mint Peppermint Spearmint	Rust ( <i>Puccinia menthae</i> )	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.

**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 a.i. propiconazole containing product/A/season.

Crop	Target Diseases	Use Rate fl. oz. product/A	Remarks
<b>Strawberries and other Low Growing Berries</b>  See additional crops below.	Anthrachnose ( <i>Colletotrichum acutatum</i> ) Leaf Spot ( <i>Cercospora fragariae</i> ) Powdery Mildew ( <i>Sphaerotheca macularis</i> ) Leaf Rust ( <i>Phragmidium potentillae</i> )	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. a.i. propiconazole containing product/A/season.

Tilt® and the Syngenta logo are trademarks of a Syngenta Group Company