



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

JUN 17 2005

Subject: Tilt® Fungicide  
EPA Reg. No. 100-617  
Amendment dated June 13, 2005

Dear Dr. Rezaaiyan:

The supplemental labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following change is made:

Revise the sentence on the last page to read as follows: "To avoid possible illegal residues, do not: (1) apply within 90 days of harvest and (2) do not exceed 8 fl. oz. of product per acre per year."

Submit one copy of the final printed label before the product is released for shipment. Additionally, the supplemental labeling must be incorporated into the main product label within 18 months, or at the next label printing, whichever occurs first. One copy of the label stamped "Accepted with comments" is enclosed for your records. 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 cursive script that reads "Mary A. Waller".

Mary Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure



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**TILT® FUNGICIDE**  
EPA Reg. No. 100-617

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
JUN. 17 2005

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No. 100-617

**SUPPLEMENTAL LABELING**

For Disease Control in Cereals, Grasses Grown for Seed and Mint

**DIRECTION 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.

This supplemental label must be in possession of the user at the time of application.

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**CEREALS**

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**Wheat, Barley, Rye, Triticale and Oats**

Tilt controls leaf diseases caused by **rusts** (*Puccinia* spp.), **powdery mildew** (*Erysiphe* spp.), **leaf blight** and **glume blotch** (*Septoria* spp.), **tan spot** (*Pyrenophora tritici-repentis*), **Helminthosporium leaf blight**, **spot blotch** (*Bipolaris sorokiniana*), **barley scald** (*Rhynchosporium secalis*), and **net blotch** (*Pyrenophora teres*) and suppression of Fusarium head blight. Highest yields are normally obtained when Tilt is applied to the emerging flag leaf. Tilt can be applied until the ligule of the flag leaf emerges (Feekes growth stage 9) on barley, rye, oats and triticale. For wheat only, Tilt can be applied until full head emergence, (Feekes growth stage 10.5). Do not apply after this growth stage to avoid possible illegal residues. Tilt may be applied earlier if disease symptoms appear (especially applicable to barley).

Tilt may be applied by ground or aerial application or through irrigation equipment.

**Early season leaf disease suppression:** Apply 2-4 fl. oz./acre of Tilt for suppression of tan spot, Septoria, and powdery mildew.

**Foot rot** (*Pseudocercospora* spp.) in wheat: Apply 4 fl. oz./acre of Tilt plus half rates of other EPA-registered fungicides such as Topsin® M. Apply at tillering, but before elongation has occurred. Do not apply more than 4 fl. oz./acre of Tilt per season.

**Leaf disease control:** Apply 4 fl. oz./acre of Tilt at first appearance of disease. Protecting the flag leaf is important for maximizing the potential yield.

**Notes:** To avoid possible illegal residues: (1) Do not apply more than 4 fl. oz./acre of Tilt per season. (2) Do not apply to oats within 40 days of harvest. (3) Do not graze, or feed livestock treated wheat, barley, triticale or rye forage or cut the green crop for hay or silage. After harvest, the straw from these crops may be used for bedding or feed. (4) Tilt-treated oat forage may be grazed, and oat forage and hay may be fed to livestock

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**GRASSES GROWN FOR SEED (NEBRASKA, OREGON, WASHINGTON, IDAHO, AND MINNESOTA ONLY)**

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Tilt controls **rusts** (*Puccinia spp.*), **powdery mildew** (*Erysiphe spp.*), and **Selenophoma stem eyespot** (*Selenophoma*) in perennial ryegrass, fescues, bluegrass, orchardgrass, and/or wheatgrasses.

Mix 4-8 fl. oz. of Tilt (maximum 4 fl. oz. on bluegrass) in a minimum of 20 gals. of water per acre for ground application, or in a minimum of 10 gals. of water per acre for aerial application. Tilt may also be applied through irrigation equipment. Apply when powdery mildew and Selenophoma infections or rust pustules are noticeable and increasing in number, in late spring or early summer. Repeat at 14 to 21-day intervals. To maximize control under severe rust pressure, use the higher rate of 8 fl. oz./acre (except on bluegrass), and make applications at 14-day intervals until the seed is mature. Do not apply more than 32 fl. oz./acre of Tilt per growing cycle. Make the last application at least 20 days before seed matures. For bluegrass, it is important to begin application early in the growing season.

**Ergot suppression (IDAHO, OREGON AND WASHINGTON ONLY):** Apply 4-8 fl.oz. Tilt just prior to anthesis using a minimum of 20 gals. of water per acre with ground equipment or a minimum of 10 gals. of water per acre with aerial equipment. Under severe disease conditions, or periods of extended bloom, make a second application 7-10 days later. For ergot suppression, do not make more than 2 applications per growing season. For best results, tank mix Tilt with an appropriate surfactant. Do not apply more than 16 fl. oz. of Tilt per acre per growing cycle for ergot suppression. Make the last application at least 20 days before seed matures.

**Important:** To avoid possible illegal residues, do not: (1) feed hay cut within 20 days of the last application, or (2) graze treated areas within 140 days of the last application.

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**MINT (OREGON, WASHINGTON ONLY- WEST OF THE CASCADE MOUNTAINS)**

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Tilt controls rust (*Puccinia menthae*). Apply 4 fl.oz. Tilt in a minimum of 20 gals of water per acre per ground application. Begin applications when plants are 2-4 inches high, or when conditions become favorable for disease development. Make a second application 10-14 days after the first application.

To avoid possible illegal residues, do not: (1) apply with 90 days of harvest, or (2) do not exceed 8 fl. oz. of product per acre.

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SCP

Tilt supp label amd to EPA 06/14/05 nsp