

Tilt and Quadris Label Update for Control of Stripe Rust





TILT®



- The active ingredient of Tilt is *propiconazole*, a member of the *triazole* class.
- Inhibits the *development* of fungal cell membranes within the plants tissue.
- Tilt is locally *systemic* (translaminar and acropetal), moving within the plant parts where coverage and uptake occurs.
- Good coverage of the foliage and canopy penetration is important for control.
- Once inside the plant, Tilt stops existing fungal growth within the plant tissue and prevents new infections for 21 to 28 days.

TILT[®]



- Labeled for Wheat, Barley, Rye and Oats
- Diseases Controlled and Rates:
 - 4 fl. oz./A applied from emergence until the ligule of flag leaf appears (FGS 8) controls leaf and stem rusts, powdery mildew, Septoria leaf and glume blotch, tan spot, Helminthosporium leaf blight, barley scald and net blotch.
- Do not apply more than 4 oz per acre per season
- Rotational Restrictions: 105 days after last Tilt application for all crops not on label.

Quadris[®]
FUNGICIDE

- The active ingredient of Quadris is *azoxystrobin*, a member of the *strobilurin* class.
- Inhibits the *respiration* of fungi.
- Quadris is *systemic* (translaminar and acropetal), moving within the plant parts where coverage and uptake occurs. Good coverage accentuates control
- Once inside the plant, Quadris stops existing fungal growth within the plant tissue and prevents new infections for 21 to 28 days, depending on rate.

 **Quadris**[®]
FUNGICIDE

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Label Information

- Labeled for Wheat, Barley, Rye and Oats
- Diseases Controlled and Rates:
 - 6.2-10.8 oz for *Leaf Rust*, *Stripe Rust*, Septoria Leaf and Glume Blotch, and Tan Spot
 - 7.7- 10.8 oz for Powdery Mildew
- Do not apply more than 2 applications of Quadris or other strobilurin fungicide per acre per season
- Applications with Crop Oil Concentrate 1.0% v/v may optimize efficacy

 **Quadris**[®]
FUNGICIDE

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Label Information

- Do not apply until forage stage (Feekes 6) or after Feekes stage 10.5
- Do not harvest treated wheat for forage
- Do not apply within 14 days of harvest for hay
- Do not apply within 45 days of harvest for grain and straw.

The logo for Quadris fungicide, featuring the word "Quadris" in a bold, sans-serif font. The letter "Q" is red, and the rest of the word is blue. A registered trademark symbol (®) is located to the upper right of the "s". Below the word "Quadris" is the word "FUNGICIDE" in a smaller, blue, sans-serif font. A thin black crosshair is centered behind the text.

Quadris[®]
FUNGICIDE

The Syngenta logo, consisting of the word "syngenta" in a lowercase, sans-serif font. A small green leaf icon is positioned above the letter "n".

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2004 Critical Success Factors

- Varietal Selection
- Scouting and advance warning
- Protection of Flag Leaf protects yield potential
- Timely fungicide Sprays
 - If disease is early, Tilt is a very effective choice to control disease and reduce inoculum
 - If disease occurs later, Quadris is the choice.
 - The lower rates are very efficacious
 - COC should always be used.
 - In all cases, fungicides give protection for about 21-28 days.
 - There may be circumstances where two applications may be warranted.