

SMALL GRAIN DISEASE CONTROL

Jay W. Chapin, Extension Specialist

Diseases	Product	Rate	PHI	Comments
Powdery Mildew Leaf Rust Leaf and Glume Blotch Tan Spot	Headline 2.1 lb/gal	6-9 oz	Apply Headline up to beginning of flowering.	Treat powdery mildew if 20 % of leaf area infected on leaf below flag leaf, and cool (high < 75 F), wet weather predicted.
	Quilt 1 lb propiconazole (Tilt) /gal + 0.62 lb azoxystrobin (Quadris) /gal	7-14 oz	Apply Quilt before emergence of flag leaf ligule.	Treating mildew before the flag leaf is fully emerged will reduce residual control of rust, glume blotch, and tan spot.
	Quadris 2.1 F	6.2-10.8 oz	Apply Quadris up to beginning of flowering.	Rust susceptible varieties usually must be treated preventatively or at the first sign of rust because fungicides can't be applied later than fully emerged flag leaf (Tilt, Stratego) or prebloom (Headline, Quadris). Rust usually develops later than this.
	Stratego 1 lb/gal	10 oz	Apply Stratego before emergence of flag leaf ligule.	Treat for leaf/glume blotch or tan spot if 25 % of stems have a lesion on leaf below flag leaf.
	Tilt PropiMax EC	4 oz 4 oz	Apply Tilt or PropiMax before emergence of flag leaf ligule (the ligule is the "collar" at the base of the flag leaf).	Wheat with at least 60 bu/ac yield potential is most likely to respond to fungicide treatment. Tilt (or PropiMax) labeled on wheat, barley, rye, oats. Stratego labeled on wheat. Headline labeled on wheat, rye, barley. Quadris labeled on wheat, barley. Quilt labeled on wheat, barley, triticale.