

Small Grain Disease Control

Diseases	Product	Rate Fl oz / Ac	Comments
Powdery Mildew, Leaf Rust, Leaf /Glume Blotch, Tan Spot, Stripe Rust*	Headline 2.1	6-9 oz	<p>The most effective treatment timing is usually after the flag leaf is fully emerged and before bloom. Wheat with at least 60 bu/ac yield potential is most likely to respond to fungicide treatment.</p> <p>Treat powdery mildew if 20 % of leaf area infected on leaf below flag leaf, and cool (high < 75 F), wet weather predicted.</p> <p>NOTE: Treating mildew before the flag leaf is fully emerged will reduce residual control of rust, glume blotch, and tan spot.</p> <p>Leaf Rust susceptible varieties usually must be treated preventatively or at the first sign of rust because fungicides can't be applied later than flowering. Rust usually develops later than this.</p> <p>Treat for leaf/glume blotch or tan spot if 25 % of stems have a lesion on leaf below flag leaf.</p> <p>We do not know yet if stripe rust will become an economic problem in S. C. Stripe rust is a very aggressive disease which responds best to preventative treatment of the emerged flag leaf. For rescue treatment of stripe rust (not common leaf rust) use Tilt.</p>
	Quadris 2.1 F	6.2-10.8 oz	
	Quilt	10-14 oz	
	Stratego 1.0 lb	10 oz	
	Tilt PropiMax EC	4 oz 4 oz	
		Rate fl oz 100 lb Seed	
Smuts, Seedling blights	Baytan 30 RTU Baytan-Thiram	0.75-1.5 4.5-9.0 oz	<p>Note: Fungicide seed treatments provide relatively cheap stand insurance and smut protection.</p> <p>Grower and commercially applied available.</p> <p>Raxil formulated in various combinations with other fungicides, insecticides. Gaucho XT also control aphids and gives some Hessian fly suppression.</p>
	Dividend XL RTA Dividend Extreme	5.0-10.0 oz 2.0 oz	
	Raxil Raxil MD-W Gaucho XT	3.5-4.6 fl oz 5 fl oz 3.4 fl oz	
	Vitavax 200 RTU Vitavax-Thiram	2.0 oz 2.0-4.0 oz	

Small Grain Fungicide Use Precautions			
Active Ingredient	Brand Name	Application Restriction	Small Grains Labeled
Foliar Fungicides			
azoxystrobin	Quadris	up to flowering	wheat, barley
propiconazole	Tilt, PropiMax	up to flowering	wheat, barley, rye, oats
propiconazole + azoxystrobin	Quilt	up to flowering	wheat, barley, triticale
propiconazole + trifloxystrobin	Stratego	up to fully emerged flag leaf	wheat
pyraclostrobin	Headline	up to flowering	wheat, rye, barley
Seed Treatments			
carboxin-thiram	Vitavax 200, RTU Vitavax-Thiram	seed treatment	wheat, oats, barley, rye
difenoconazole- metalaxyl	Dividend XL, Dividend Extreme	seed treatment	wheat, barley
tebuconazole	Raxil	seed treatment	wheat oats, barley
triadimenol	Baytan 30	seed treatment	wheat, oats, barley, rye