

WHEAT – SEED TREATMENTS

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Disease	Fungicide	Active Ingredient	FRAC Code*	Rate/cwt Seed	Comments
Loose Smut Stagonospora Blotch (glume blotch)	Raxil MD	tebuconazole + metalaxyl	3 + 4	5 - 6.5 fl oz	On-farm or commercial seed treaters. Dilute 1:1 with water before application to seed. Already contains dye. Do not graze for 38 days after seeding. Also controls loose smut of oats – see label.
	Gaucht XT	tebuconazole + metalaxyl + imidacloprid	3 4 ---	3.4 fl oz	See label.
	Dividend Extreme	difenoconazole + mefenoxam	3 + 4	2 - 4 fl oz	On-farm or commercial seed treaters. Wheat cannot be grazed until 55 days after planting. See label for other restrictions. Labeled only for wheat and triticale.
	Incentive RTA	difenoconazole + mefenoxam	3 + 4	2.5 - 10 fl oz	See label for details.
	Dividend XL RTA	difenoconazole + mefenoxam	3 + 4	2.5 - 10 fl oz	See label for details.
	Charter	triticonazole	3	3.1 fl oz	On-farm or commercial seed treaters. See label for details.
	Charter F2	triticonazole + metalaxyl	3 + 4	5.4 fl oz	See label.
	Proceed MD	prothioconazole + tebuconazole + metalaxyl	3 3 4	5 - 7.5 fl oz	Standard slurry application or mist-type equipment.
	Proceed Concentrate	prothioconazole + tebuconazole + metalaxyl	3 3 4	1 fl oz	Standard slurry application or mist-type equipment.

*FRAC Code – Fungicides with the same FRAC Code have the same mode of action. See <http://www.frac.info/frac/index.htm> for an explanation of the FRAC Codes. Rotation of fungicides with different FRAC Codes could minimize the development of fungicide-resistant strains.

NOTE: Wheat seed producers in Arkansas should always plant seed treated for prevention of loose smut and Stagonospora glume blotch to prevent a buildup of these diseases in the seed supply. Growers that plant saved seed should have it treated with one of the above, especially if the seed came from a field with these diseases or if either of the diseases was at epidemic levels in nearby fields during the spring.

Metalaxyl and mefenoxam are fungicides active against Pythium root rot and come prepackaged with tebuconazole and difenoconazole – the active compounds against loose smut and glume blotch. We do not recommend metalaxyl or mefenoxam to control Pythium root rot for wheat or for other stand establishment diseases since numerous field trials in Arkansas have not shown any benefit from the use of metalaxyl or mefenoxam on wheat seed. However, prepackaging prevents us from listing only the needed components.