

Wheat Seed Treatments and Efficacy for SW Oklahoma Conditions

This information is provided as a guide. No endorsement is intended for products listed, nor is criticism meant for products not listed. This table is compiled by J. Terry Pitts, Area Extension Specialist, IPM, Oklahoma State Research and Extension Center, Altus, OK and Dr. Bob Hunger, OSU Extension Plant Pathologists, Department of Entomology and Plant Pathology, Stillwater, OK

Product	Rate* (Per 100 lbs unless shown otherwise)	Active Ingredients	Approximate Estimated Cost/ Bushel	Seedling Blight/ Seed Decay - **1	Root Rot -**2	Common Bunt/ Stinking Smut	Loose smut	Barley Yellow Dwarf	Aphids- **3	Hessian Fly - **4	Wireworms **5
FUNGICIDES											
Dividend Extreme	1-4 fl oz	Difenoconazole, Mefenoxam	\$1.50-3	+++	+	+++	+++				
Dividend XL RTA	2.5-10	Difenoconazole, Mefenoxam	\$2-4	+++	+		+++				
Raxil/MD	5-6.5 fl oz	Tebuconazole, Metalaxyl	\$1.50-2	+++	+	+++	+++				
RTU Vitavax-Thiram	5-6.8 fl oz	Carboxin, Thiram	\$1.20	++		++	++				
Vitaflo 280	3.5-5 fl oz	Carboxin Thiram	\$1.20	++		++	++				
Charter PB	5.53 fl oz	Triticonazole, Thiram	\$1.50	+	+	++	++				
INSECTICIDES											
Gaucha 600	0.8-2.4 fl oz	Imidacloprid	\$4-11					++	+++	+	+
Attendant 600	0.8-2.4 fl oz	Imidacloprid	\$4-11					++	+++	+	+
Cruiser 5FS	.75-1.33 fl oz	Thiomethoxam	\$4-8					++	+++		+
COMBINATION FUNGICIDES & INSECTICIDES											
Gaucha XT	3.4 fl oz	Imidacloprid, Tebuconazole, Metalaxyl	\$5.50	+++	+	+++	++	++	+++	+	+
DRY/DRILL BOX PRODUCTS											
Agsco DB Green	2 oz/bu	Maneb, Carboxin	\$2	+		+	+				
Enhance	4 oz/100 lb	Captan, Carboxin	\$2	+		+	+				
Grain Guard	2 oz	Mancozeb,	\$2	+		+	+				

+Good Protection, ++ Better Protection, +++Best Protection

* Consult Product Label for suggested rate of application/product.

**1-Seedling Blight/Seed Decay- *Pythium* (damping off), *Phytophthora*,

2- Root Rot- early season *Fusarium*, *Rhizoctonia*, *Helminthosporium*

3-Aphids – Green Bug, Bird Cherry-Oat Aphid, English Grain Aphid, (Rice Root Aphids-observed)

4- Limited protection, high rates are required for best protection

5- Does not include FALSE wireworms.

 -Commonly available in local markets