



Altus Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: OSU Southwest Res. & Ext. Center

Ext. Educator: Gary Strickland

Planting & harvest dates: 10/23/17 & 5/30/18

Previous crop: Wheat

Management: Grain-only

Soil type: Hollister silty clay loam

Tillage: Conventional

Soil test: pH = 7.0, P = 72, K = 876

Licensee	Variety	Grain Yield			Test Weight	Lodging
		2017-18	2-Year	3-Year	2017-18	2017-18
		-----bu/ac-----			--lb/bu--	1 - 5
WestBred	WB4269	26	33	-	59.8	2
WestBred	WB4515	23	25	32	61.2	2
OGI	Bentley	23	22	31	57.5	2
WestBred	WB4303	21	23	30	58.1	2
KWA	Larry	21	19	29	59.1	2
AGSECO	AG Icon	21	25	-	56.8	2
Watley	TAM 112	20	-	-	59.6	2
Dyna-Gro	Long Branch	20	26	34	56.8	2
KWA	Oakley CL	19	-	-	58.2	1
LCS	LCS Chrome	19	23	34	57.2	2
CROPLAN	CP78-26	19	-	-	59.2	2
WestBred	WB4721	18	28	36	59.8	2
OGI	Smith's Gold	18	26	36	60.0	2
KWA	Joe	17	29	36	58.8	1
WestBred	Winterhawk	17	26	35	61.9	1
LCS	LCS Avenger	16	-	-	55.6	2
OGI	Ruby Lee	16	22	22	59.9	2
OGI	Doublestop CL Plus	15	24	29	60.3	2
AgriPro	SY Grit	15	19	27	57.8	2
AgriPro	SY Rugged	14	21	-	59.7	2
OGI	Iba	14	23	32	60.2	2
LCS	LCS Pistol	14	20	24	58.1	2
OGI	Duster	13	24	33	60.1	1
OGI	Gallagher	13	23	29	58.3	2
AgriPro	SY Flint	13	19	30	61.2	2
OGI	Lonerider	12	-	-	57.3	2
LCS	T158	12	22	34	58.5	1
WestBred	WB4458	12	20	29	59.0	2
WestBred	WB-Grainfield	11	19	30	58.6	2
PlainsGold	Langin	11	-	-	59.2	2
OGI	Stardust	11	22	-	59.2	2
AgriPro	SY Achieve CL2	10	23	-	57.7	2
OGI	Spirit Rider	10	-	-	58.3	2
Watley	TAM 204	9	17	27	55.4	2
KWA	Zenda	9	20	29	59.4	2
AgriMAXX	AM Eastwood	9	-	-	58.3	1
OGI	NF 101	8	16	18	58.4	2
LCS	LCS Mint	8	15	25	59.0	2
AgriPro	Bob Dole	7	25	-	56.2	2
AgriPro	SY Benefit	6	15	-	56.5	2
AGSECO	TAM 114	4	21	28	56.1	2
Experimentals						
	OK13209	22	26	-	59.5	2
	OK14P212	22	-	-	61.4	2
	OK12716	19	23	39	57.8	2
	OK13621	11	22	-	59.3	2
	OCW04S717T-6W	7	-	-	57.6	2
	OK12206-2	5	-	-	54.4	2
	Mean	15	22	30	58.6	2
	LSD (0.05)	7	6	5	1.7	

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. Drought conditions persisted throughout much of the growing season, and some freeze injury occurred during early April when most varieties were in the boot to heading growth stages. Low foliar disease pressure throughout grain-fill. AG Gallant and OCW05S616T-2 were removed from the analysis due to too few usable observations.

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