



# Union City Wheat Variety Trial

wheat.okstate.edu

Cooperator: Bornemann Farms

Extension Educator: Kyle Worthington

Planting & harvest dates: 9/22/17 & 6/4/18

Previous crop: Wheat

Management: Dual-purpose

Soil type: Pond Creek silt loam

Tillage: Conventional

Soil test: pH = 6.4, P = 47, K = 260

Licensee	Variety	Grain Yield			Test Weight
		2017-18	2-Year	3-Year	2017-18
		----- bu/ac -----			---lb/bu---
OGI	Bentley	27	34	45	58.7
WestBred	WB-Grainfield	26	28	38	59.2
OGI	Doublestop CL Plus	26	32	40	62.5
OGI	Iba	23	26	38	60.7
AgriPro	SY Grit	21	-	-	58.6
LCS	LCS Chrome	21	30	-	57.5
WestBred	WB4721	20	-	-	61.5
OGI	Lonerider	19	-	-	58.9
AgriPro	SY Flint	18	30	39	61.6
WestBred	WB4515	18	-	-	60.4
LCS	T158	17	-	-	59.0
AgriPro	SY Benefit	16	-	-	61.2
OGI	Ruby Lee	15	19	30	59.7
LCS	LCS Pistol	15	25	36	59.4
WestBred	WB4458	13	24	32	59.2
OGI	Duster	13	23	34	59.3
WestBred	WB4303	13	-	-	57.4
AgriPro	SY Rugged	12	-	-	60.5
LCS	LCS Mint	12	23	40	59.7
OGI	Smith's Gold	11	29	39	59.7
Watley	TAM 204	10	27	38	54.3
OGI	NF 101	8	-	-	59.4
OGI	Gallagher	7	22	36	56.9
<b>Experimentals</b>					
	OK14319	23	33	-	59.8
	OK14P212	21	-	-	60.9
	OK12716	18	34	47	59.3
	OK13209	17	-	-	58.9
	OCW05S616T-2	9	-	-	58.5
	OK12206-2	8	-	-	56.8
Mean		16	28	38	59.3
LSD <sub>(0.05)</sub>		6	7	6	1.3

**Notes:** Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Plots were grazed from 12/5/17 through 2/22/18 at an approximate stocking rate of 275 lbs/ac. Drought conditions persisted throughout much of the growing season, and some freeze injury occurred during early April. Low foliar disease pressure throughout grain-fill.