



Lahoma Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: OSU North Central Research Station

Ext. Educator: Rick Nelson

Planting & harvest dates: 10/11/17 & 6/11/18

Previous crop: Wheat

Management: Grain-only

Soil type: Pond Creek silt loam

Tillage: Conventional

Soil test: pH = 5.8, P = 72, K = 353

Licensee	Variety	Grain Yield			Test Weight
		2017-18	2-Year	3-Year	2017-18
		-----bu/ac-----			---lb/bu---
WestBred	WB4269	49	63	-	57.9
OGI	Bentley	48	50	57	55.7
OGI	Ruby Lee	45	55	53	59.0
AGSECO	AG Gallant	42	-	-	58.7
CROPLAN	CP78-26	41	-	-	55.7
Watley	TAM 112	40	38	40	59.4
PlainsGold	Langin	39	50	-	57.2
WestBred	WB4721	39	51	60	59.7
Dyna-Gro	Long Branch	39	42	48	54.3
LCS	T158	38	46	53	58.1
OGI	Stardust	37	41	51	58.7
LCS	LCS Mint	37	38	47	58.6
WestBred	WB4515	35	51	56	59.4
OGI	Doublestop CL Plus	35	49	53	60.1
OGI	Smith's Gold	35	50	58	57.8
LCS	LCS Pistol	35	42	46	56.5
OGI	Gallagher	35	51	56	55.2
LCS	LCS Chrome	35	46	58	55.7
AGSECO	AG Icon	34	49	-	56.8
AgriPro	SY Benefit	33	42	-	57.5
OGI	Spirit Rider	33	-	-	57.8
Watley	TAM 204	33	41	51	51.3
KWA	Joe	32	52	62	56.8
KWA	Oakley CL	32	-	-	57.5
WestBred	WB4458	31	45	55	58.1
OGI	Lonerider	30	-	-	53.6
KWA	Larry	30	37	50	56.8
OGI	Iba	30	43	50	58.0
LCS	LCS Avenger	29	-	-	56.1
AGSECO	TAM 114	29	49	58	58.4
AgriPro	SY Rugged	28	45	-	55.6
WestBred	WB4303	28	48	56	55.0
WestBred	WB-Grainfield	28	46	54	57.0
AgriPro	SY Flint	28	42	51	58.1
WestBred	Winterhawk	27	45	52	58.4
AgriPro	SY Achieve CL2	27	46	-	56.9
KWA	Zenda	27	46	57	57.9
OGI	Duster	26	38	44	56.6
AgriMAXX	AM Eastwood	26	-	-	56.1
AgriPro	SY Monument	25	48	57	56.7
AgriPro	SY Grit	22	38	50	54.7
OGI	NF 101	22	42	47	56.3
AgriPro	Bob Dole	20	45	-	56.0
Experimentals					
	OK13209	32	55	-	58.0
	OK12716	31	46	55	57.0
	OK13621	31	49	-	57.2
	OK12D22004-016	28	-	-	58.9
	OK14319	25	-	-	56.6
	OCW04S717T-6W	23	-	-	51.1
	OCW05S616T-2	22	-	-	54.8
	OK12206-2	20	41	-	49.4
Mean		32	46	53	56.8
LSD (0.05)		8	9	7	1.8

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Freeze injury occurred during early April. There was low foliar disease pressure during grain-fill, but Fusarium foot rot (dryland root rot) symptoms began appearing in early May, with sudden and dramatic symptom expression occurring between May 18 and May 21 and persisting throughout the remainder of grain-fill.

Partial financial support provided by the Oklahoma Wheat Commission and the Oklahoma Wheat Research Foundation