



# Lahoma Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: North Central Research Station

Extension Educator: Rick Nelson

Planting & harvest dates: 10/27/15 & 6/16/16

Management: Grain-only

Tillage: Conventional

Previous crop: Wheat

Soil type: Pond Creek silt loam

Soil test: pH = 5.6, P = 47, K = 428

Source	Variety	Grain Yield			Test Weight	Lodging
		2015-16	2-Year	3-Year	2015-16	2015-16
		-----bu/ac-----			---lb/bu---	1 - 5
KWA	Joe	82	-	-	60.7	3
LCS	LCS Chrome†	81	74	-	58.1	2
KWA	Zenda	80	-	-	61.5	2
KWA	Oakley CL	79	69	-	60.2	3
WestBred	WB4721	78	-	-	61.0	1
KWA	Larry	77	-	-	59.9	2
Syngenta	SY Razor	77	-	-	62.0	2
KWA	1863	76	69	-	60.0	4
AGSECO	TAM 114	75	69	-	61.4	2
Syngenta	SY Grit	75	-	-	58.3	2
Syngenta	SY Monument	74	69	-	59.4	1
WestBred	WB4458	73	66	62	58.4	1
AGSECO	AG Robust	71	-	-	60.8	3
WestBred	WB-Grainfield	71	68	59	57.4	2
KWA	Tatanka	71	-	-	59.9	4
Watley	TAM 204	70	62	-	57.1	2
WestBred	WB4303	70	-	-	55.9	1
OGI	Stardust†	70	61	58	57.4	3
OGI	Bentley†	69	63	59	55.7	3
Syngenta	SY Flint†	69	62	-	59.9	3
WestBred	WB-Cedar	67	64	60	57.2	2
PlainsGold	Brawl CL Plus	67	59	53	57.9	2
LCS	T158	67	59	55	58.3	3
OGI	Gallagher	66	64	61	59.2	3
WestBred	Winterhawk	66	57	55	58.3	3
WestBred	WB4515	65	-	-	60.0	1
OGI	Iba	65	60	55	59.1	3
LCS	LCS Mint	65	56	51	58.6	2
OGI	Billings	64	60	55	58.7	3
Syngenta	SY Llano	64	58	56	58.8	3
Syngenta	SY Drifter†	63	55	-	60.6	2
OGI	Doublestop CL Plus	62	58	53	60.7	2
Dyna-Gro	Long Branch	59	-	-	54.1	3
KWA	KanMark	59	52	-	57.9	3
OGI	NF 101	57	57	-	58.1	3
OSU	Endurance	57	53	50	55.7	3
OGI	Duster	56	50	49	57.8	3
KWA	Everest	55	49	47	58.5	3
LCS	LCS Pistol	54	50	-	56.9	3
OGI	OK Rising	54	50	50	57.1	2
LCS	LCS Wizard	52	43	45	56.4	1
OGI	Ruby Lee	51	49	49	53.7	3
Watley	TAM 112	43	39	42	52.1	3
PlainsGold	Avery†	42	33	-	52.0	3
PlainsGold	Byrd	37	35	40	52.3	2
<b>Experimentals</b>						
	OK11D25056	74	64	-	58.5	3
	OK12716R/W	73	-	-	57.8	2
	OK12912C	69	-	-	60.5	2
	OK09915C-1	66	-	-	61.5	1
	OK11231	53	50	-	56.7	2
	Mean	66	57	53	58.2	2
	LSD <sub>(0.05)</sub>	8	6	6	2.1	

**Notes:** Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. Heavy stripe rust pressure during mid- to late-grain fill.

† Varieties tested and reported as experimental lines in the previous trial(s): Avery = CO11D174; Bentley = OK09125; LCS Chrome = LCH13DH-20-87; Stardust = OK10728W; SY Drifter = AP09T7631; SY Flint = 06BC722#25.

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