



# Lahoma Regional Fungicide Wheat Variety Trial

wheat.okstate.edu

Cooperator: North Central Research Station

Ext. Educator: Rick Nelson

Planting & harvest dates: 10/19/16 & 6/9/17  
 Management: Grain-only, conventional tillage  
 Fungicide = 6.8 oz/ac Approach Prima at GS 9 on 4/10/17

Previous crop: Wheat  
 Soil type: Pond Creek silt loam  
 Soil test: pH = 5.6, P = 53, K = 407

Source	Variety	Grain Yield			Test Weight	Lodging
		2016-17	2-Year	3-Year	2016-17	2016-17
		-----bu/ac-----			---lb/bu---	1 - 5
AGSECO	Hot Rod	92	-	-	56.6	1
AGSECO	TAM 114	89	90	84	58.0	2
WestBred	WB4269 <sup>†</sup>	88	-	-	56.4	1
WestBred	WB-Grainfield	88	85	82	55.9	1
WestBred	WB4515	88	82	-	58.2	1
PlainsGold	Langin	84	-	-	56.4	1
Syngenta	SY Monument	84	83	80	55.6	1
PlainsGold	Brawl CL Plus	83	87	81	57.8	1
LCS	T158	83	85	77	57.8	2
WestBred	Winterhawk	82	81	75	57.6	1
WestBred	WB4721	82	84	-	57.0	1
Syngenta	SY Achieve CL2 <sup>†</sup>	82	-	-	58.6	1
KWA	Zenda	82	81	-	57.7	1
PlainsGold	Byrd	80	84	79	56.6	2
Syngenta	SY Grit	80	84	-	55.0	1
WestBred	WB4303	80	85	-	53.2	2
OGI	Bentley	79	83	79	54.8	1
OGI	Smith's Gold <sup>‡</sup>	78	81	75	56.3	2
OGI	Ruby Lee	77	80	75	58.0	1
KWA	Joe	77	85	-	55.8	1
Watley	TAM 204	77	81	80	52.7	1
KWA	Larry	77	81	-	56.5	1
KWA	Tatanka	77	81	-	56.0	3
OGI	Gallagher	76	78	76	55.3	2
WestBred	WB4458	75	80	77	57.8	2
AGSECO	AG Robust	75	78	-	56.8	1
OGI	NF 101	75	71	70	55.7	3
Syngenta	Bob Dole <sup>†</sup>	75	-	-	54.5	2
Syngenta	SY Benefit <sup>†</sup>	74	-	-	57.0	2
Syngenta	SY Rugged <sup>†</sup>	74	-	-	54.9	1
LCS	LCS Pistol	72	72	70	55.5	2
WestBred	WB-Cedar	72	73	72	57.3	1
Syngenta	SY Llano	71	71	69	57.3	2
OGI	Iba	71	73	71	57.7	2
Syngenta	SY Flint	70	73	72	57.6	2
Syngenta	SY Drifter	70	71	69	57.3	2
LCS	LCS Wizard	69	74	69	56.9	1
Watley	TAM 112	67	75	71	57.0	2
AGSECO	AG Icon <sup>†</sup>	67	-	-	53.3	1
PlainsGold	Avery	67	76	71	54.7	2
Dyna-Gro	Long Branch	67	65	-	52.3	1
LCS	LCS Chrome	66	74	74	52.3	3
OGI	Billings	66	70	68	57.8	2
OGI	Duster	64	68	65	54.4	2
OSU	Endurance	63	70	69	53.8	2
OGI	Doublestop CL Plus	63	68	68	58.3	1
OGI	Stardust	62	72	69	54.5	1
LCS	LCS Mint	58	73	71	55.7	1
<b>Experimentals</b>						
	OK12D22004-016	84	-	-	58.6	1
	OK12206-2	78	-	-	53.8	2
	OK13621	78	-	-	57.2	1
	OK11755W-9W	78	-	-	56.8	1
	OK12716R/W	77	82	-	55.5	1
	OK13209	77	-	-	57.5	1
	OK12912C-2	67	-	-	55.7	1
	OK12D22002-077	62	-	-	54.7	1
	Mean	75	78	74	56.1	1
	LSD <sub>(0.05)</sub>	8	7	5	1.5	

**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. Severe leaf rust pressure during mid- to late-grain fill.

<sup>†</sup> Variety entered into the 2016-17 trials as experimental line: AG Icon = KS080448C\*-102; Bob Dole = KS061193K-2; SY Achieve CL2 = 07CL041-1; SY Benefit = 06BC362-8; SY Rugged = AP11T2222; WB4269 = H4N12-0038.

<sup>‡</sup> Variety tested and reported as an experimental line in previous trial(s); Smith's Gold = OK11D25056.