



# Chickasha Wheat Variety Trial

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AGRICULTURE

Cooperator: OSU South Central Res. Station

Ext. Educator: David Nowlin

Planting & harvest dates: 10/21/16 & 6/5/17

Previous crop: Austrian winter pea

Soil test: pH = 7.0, P = 69, K = 403

Management: Grain-only, conventional tillage

Soil type: Dale silt loam

Nitrogen: 85 lb/ac soil test +  
9 lb/ac at planting

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	45	-	-	53.8	1
WestBred	WB-Cedar	40	55	58	56.1	2
AGSECO	TAM 114	39	56	55	55.1	2
WestBred	WB4269 <sup>†</sup>	38	-	-	55.8	2
Syngenta	Bob Dole <sup>†</sup>	37	-	-	55.2	3
OGI	Duster	37	47	45	54.6	3
KWA	Zenda	36	53	-	56.1	2
OGI	NF 101	36	42	43	54.7	2
OGI	Smith's Gold <sup>‡</sup>	34	54	53	55.2	3
KWA	Joe	34	55	-	53.9	2
Syngenta	SY Razor	33	47	-	56.5	2
OGI	Doublestop CL Plus	33	44	43	56.2	2
OGI	Ruby Lee	33	28	27	55.6	2
WestBred	WB4515	33	52	-	55.3	2
Syngenta	SY Drifter	32	48	48	56.4	3
WestBred	Winterhawk	30	45	46	54.6	2
LCS	LCS Wizard	30	33	33	54.7	3
WestBred	WB-Grainfield	30	45	48	53.5	2
AGSECO	AG Icon <sup>†</sup>	30	-	-	53.9	3
OGI	Iba	30	45	46	54.2	3
WestBred	WB4303	29	46	-	52.5	3
WestBred	WB4721	29	47	-	55.0	2
OSU	Endurance	29	38	38	53.9	3
LCS	LCS Chrome	29	52	55	49.2	3
OGI	Gallagher	28	50	53	54.8	2
Syngenta	SY Llano	27	50	52	56.1	3
LCS	LCS Pistol	27	37	36	53.6	2
Syngenta	SY Rugged <sup>†</sup>	27	-	-	52.8	3
Syngenta	SY Achieve CL2 <sup>†</sup>	27	-	-	53.1	2
LCS	T158	26	48	48	52.6	3
AGSECO	AG Robust	26	53	-	53.6	3
KWA	Tatanka	25	50	-	53.0	3
OGI	Billings	25	54	56	54.2	3
Dyna-Gro	Long Branch	24	38	-	48.8	2
Syngenta	SY Benefit <sup>†</sup>	22	-	-	52.8	3
Syngenta	SY Flint	21	48	52	54.0	2
WestBred	WB4458	20	46	52	51.5	2
Syngenta	SY Grit	20	40	-	52.9	2
OGI	Bentley	18	36	37	50.0	2
OGI	Stardust	18	-	-	50.4	3
KWA	Larry	16	47	-	51.0	1
Watley	TAM 204	14	41	45	50.8	4
LCS	LCS Mint	14	27	27	51.6	3
<b>Experimentals</b>						
	OK13209	34	-	-	56.4	1
	OK13621	29	-	-	53.5	2
	OK12716R/W	27	-	-	51.7	2
	OK12D22002-077	19	-	-	52.0	3
	Mean	29	46	46	53.7	2
	LSD (0.05)	7	9	7	2.0	

**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 and low stripe rust pressure during grain fill. Wheat streak mosaic and barley yellow dwarf were also present during grain fill. All plots were treated with 3.8 oz/ac lambda-cyhalothrin on 3/14/17.

<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.

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