



# Chickasha Intensive Wheat Management Variety Trial

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AGRICULTURE

Cooperator: OSU South Central Research Station

Planting & harvest dates: 10/20/15 & 6/10/16 Previous crop: Austrian winter pea Soil type: Dale silt loam  
 Management: Grain-only, conventional tillage Soil test: pH = 6.7, P = 51, K = 396  
 Nitrogen: 141 lb/ac soil test + 9 lb/ac at planting + 40 lb/ac topdress 3/03/16  
 Fungicide: 4 oz/ac Tilt at jointing on 3/04/16 + 6.8 oz/ac Aproach Prima at heading on 4/08/16

Source	Variety	Grain Yield			Test Weight	Lodging
		2015-16	2-Year	3-Year	2015-16	2015-16
		-----bu/ac-----			--lb/bu--	1 - 5
WestBred	WB4303	103	-	-	57.5	1
WestBred	WB4458	103	91	74	60.7	2
Watley	TAM 204	101	85	-	57.9	3
WestBred	WB-Cedar	96	88	75	59.4	2
Syngenta	SY Grit	95	-	-	59.3	2
OGI	Billings	94	79	70	59.8	2
AGSECO	AG Robust	94	68	-	58.7	2
OGI	Gallagher	93	77	69	59.9	3
OGI	Ruby Lee	92	78	68	60.7	2
WestBred	WB4515	91	-	-	60.2	2
PlainsGold	Byrd	91	68	64	59.6	3
Syngenta	SY Flint†	91	83	-	59.5	3
AGSECO	TAM 114	90	85	-	60.9	3
WestBred	Winterhawk	90	77	67	60.2	3
LCS	T158	89	84	69	58.9	4
PlainsGold	Brawl CL Plus	87	73	68	59.8	3
LCS	LCS Wizard	87	77	67	59.9	2
KWA	KanMark	87	80	-	58.9	3
KWA	Everest	85	84	70	58.7	2
Syngenta	SY Llano	85	77	63	60.4	3
KWA	Zenda	85	-	-	60.6	2
KWA	Larry	84	-	-	58.1	2
LCS	LCS Chromet	84	80	-	55.4	3
Syngenta	SY Drifter†	84	74	-	59.3	2
OGI	Bentley†	84	86	68	54.9	3
KWA	1863	84	81	-	59.1	3
KWA	Tatanka	82	-	-	57.9	3
PlainsGold	Avery†	82	79	-	56.0	3
OGI	Iba	81	-	66	59.0	4
Syngenta	SY Monument	80	77	-	53.6	3
OGI	OK Rising	80	74	63	56.2	2
LCS	LCS Mint	79	74	65	58.1	3
OGI	NF 101	77	69	-	60.3	2
KWA	Joe	75	-	-	57.6	3
OGI	Doublestop CL Plus	75	63	60	60.4	3
WestBred	WB-Grainfield	75	74	64	54.9	3
OSU	Endurance	74	81	61	59.0	3
Syngenta	SY Razor	73	-	-	60.7	2
Watley	TAM 112	72	66	58	57.5	4
WestBred	WB4721	72	-	-	56.9	2
LCS	LCS Pistol	70	68	-	56.0	2
KWA	Oakley CL	69	68	-	56.0	2
OGI	Duster	67	69	58	55.6	5
Dyna-Gro	Long Branch	55	-	-	51.3	3
<b>Experimentals</b>						
	OK12912C	90	-	-	61.6	3
	OK11D25056	84	75	-	58.7	3
	OK09915C-1	77	-	-	60.2	3
	Mean	84	77	66	58.4	3
	LSD <sub>(0.05)</sub>	9	7	7	2.5	

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.

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

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