



# Balko Wheat Variety Trial

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Cooperator: Kenton Patzkowsky

Extension Educator: Loren Sizelove

Planting & harvest dates: 10/8/16 & 6/22/17

Previous crop: Fallow/Wheat

Management: Grain-only

Soil type: Bippus clay loam

Tillage: No-till

Soil test: pH = 7.6, P = 49, K = 1,171

Source	Variety	Grain Yield			Test Weight
		2016-17	2-Year <sup>†</sup>	3-Year <sup>†</sup>	2016-17
		----- bu/ac -----			--lb/bu--
KWA	Tatanka	49	-	-	51.0
KWA	Joe	49	-	-	55.6
LCS	LCS Pistol	42	59	-	53.2
WestBred	WB-Grainfield	37	59	45	55.7
PlainsGold	Avery	37	-	-	56.3
LCS	LCS Mint	36	57	44	55.9
WestBred	Winterhawk	36	54	41	55.0
Syngenta	SY Monument	36	-	-	52.5
OGI	Iba	35	55	42	55.3
PlainsGold	Byrd	35	52	39	55.1
PlainsGold	Langin	35	-	-	55.2
LCS	LCS Chrome	33	-	-	53.8
OGI	Doublestop CL Plus	33	51	39	51.7
OGI	Lonerider <sup>‡</sup>	32	-	-	52.4
OGI	Duster	32	54	41	54.2
OSU	Endurance	31	50	39	55.5
Watley	TAM 204	31	52	-	51.4
PlainsGold	Brawl CL Plus	31	50	37	55.4
KWA	Larry	30	-	-	54.0
OGI	Smith's Gold <sup>‡</sup>	30	-	-	54.3
OGI	Bentley	29	-	-	53.0
Watley	TAM 112	27	44	34	56.4
OGI	Gallagher	26	50	38	51.5
WestBred	WB-Cedar	24	-	-	52.7
OGI	Ruby Lee	23	39	30	51.5
OGI	Spirit Rider <sup>‡</sup>	20	-	-	52.9
<b>Experimentals</b>					
	OK12716R/W	29	-	-	51.6
	OK12D22002-077	28	-	-	52.8
Mean		33	52	39	53.8
LSD (0.05)		6	6	4	2.0

**Notes:** Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Precipitation from planting to harvest totaled 15.2 inches with 10.4 inches received after March 1 (data from the Slapout Mesonet station). A snow event occurred during the last weekend in April. This caused some minor lodging and likely contributed to the lower test weight values.

† Two-year results are the average of 2017 and 2015. Three-year results are the average of 2017, 2015, and 2014. Data was not collected in 2016 due to severe hail damage in early May.

‡ Variety tested and reported as an experimental line in previous trial(s): Lonerider = OK12DP22002-042; Smith's Gold = OK11D25056; Spirit Rider = OK10126.