

# Balko Wheat Variety Trial



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Planting & harvest dates: 10/13/17 & 6/30/18

Previous crop: Fallow

Management: Grain-only

Soil type: Darrouzett clay loam

Tillage: No-till

Soil test: pH = 5.9, P = 51, K = 1,130

Licensee	Variety	Shatter 0 - 10	Grain Yield			Test Weight	Lodging	
			2017-18	2-Year	3-Year <sup>†</sup>	2017-18	2017-18	
			----- bu/ac -----			---lb/bu---	1 - 5	
KWA	Oakley CL	1.2	51	-	-	56.3	2	
KWA	Larry	2.2	46	38	-	55.7	2	
Dyna-Gro	Long Branch	1.4	45	-	-	53.8	2	
KWA	Joe	1.6	44	46	-	55.6	2	
LCS	LCS Pistol	1.6	43	43	54	54.7	2	
LCS	LCS Mint	2.0	40	38	51	56.3	2	
OGI	Bentley	2.2	40	34	-	54.1	2	
WestBred	Winterhawk	1.6	38	37	49	55.9	2	
OGI	Gallagher	1.2	37	32	46	54.1	2	
WestBred	WB4458	1.8	37	-	-	54.0	2	
AgriPro	SY Rugged	1.2	37	-	-	54.2	2	
WestBred	WB-Grainfield	2.2	36	36	51	54.7	2	
OGI	Lonerider	1.8	35	33	-	51.8	1	
LCS	T158	1.6	35	-	-	55.0	2	
AGSECO	TAM 114	1.4	34	-	-	54.6	2	
WestBred	WB4303	1.0	34	-	-	51.6	2	
AgriPro	SY Monument	2.2	33	34	-	54.6	2	
OGI	Doublestop CL Plus	1.8	33	33	45	55.7	1	
OGI	Duster	2.2	33	32	47	54.9	2	
OGI	Smith's Gold	2.2	32	31	-	55.2	2	
Watley	TAM 204	1.6	31	31	45	51.3	2	
WestBred	WB4721	2.6	30	-	-	55.7	1	
LCS	LCS Chrome	2.6	30	32	-	55.1	2	
OGI	Ruby Lee	2.4	30	27	36	55.4	2	
Watley	TAM 112	2.0	25	26	38	54.2	3	
PlainsGold	Langin	3.2	24	30	-	54.4	2	
AgriPro	SY Grit	2.4	24	-	-	53.1	2	
OGI	Iba	1.4	24	30	44	53.7	2	
<b>Experimentals</b>								
	OK12716	1.0	46	39	-	54.3	2	
	OK12D22004-016	1.2	41	-	-	54.3	1	
	OK168513	1.8	38	-	-	54.5	2	
	OCW05S616T-2	1.4	37	-	-	54.0	2	
	OK12206-2	1.4	37	-	-	52.4	2	
	OK13621	1.4	35	-	-	54.6	2	
	OK14P212	2.2	32	-	-	56.4	2	
Mean			1.8	36	34	46	54.5	2
LSD (0.05)				6	5	5	1.0	

**Notes:** Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Severe drought conditions persisted throughout much of the growing season, and some freeze injury occurred during early April. There was low foliar disease pressure throughout grain-fill, but Fusarium foot rot (dryland root rot) symptoms appeared during May and remained throughout grain-fill. Rainfall during mid-June prevented a timely harvest. As a result, all varieties began to shatter before being harvested. Shattering was rated for each plot using a 0 - 10 scale with 0 representing no shattering and 10 representing complete shatter loss.

<sup>†</sup> Three-year results are the average of 2018, 2017, and 2015. Data was not collected in 2016 due to severe hail damage in early May.

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