



# Balko Wheat Variety Trial

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<b>Cooperator: Teryl Rorabaugh</b>	<b>Extension Educator: Loren Sizelove</b>
<b>Planting &amp; harvest dates: 10/10/2022 &amp; 06/28/2023</b>	<b>Previous crop: Fallow</b>
<b>Management: Grain-only</b>	<b>Soil Type: Dale silt loam</b>
<b>Tillage: Conventional</b>	<b>Soil test: pH=7.3, N= 51, P= 28, K= 810</b>

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2022-23	2-Year	3-Year	2022-23	2022-23
		----- bu/ac -----			-- lb/bu --	-- % --
PlainsGold	Breck	63	--	--	60.7	14.2
Westbred	WB4792	63	47	52	59.2	13.6
KWA	KS Ahearn	56	--	--	58.8	14.3
AgriPro	SY Wolverine	54	--	--	59.1	14.9
AGSECO	AG Golden	53	--	--	59.0	13.2
OGI	Showdown	53	44	49	58.4	14.1
AgriMAXX	AM Cartwright	52	48	--	58.1	14.5
Watley	TAM115	52	--	--	60.2	14.5
Croplan	CP7017AX	51	45	--	59.1	13.2
OGI	Gallagher	50	44	44	58.9	14.1
PlainsGold	Canvas	48	44	49	57.7	14.2
KWA	KS Providence	48	--	--	58.2	14.5
OGI	Bentley	47	46	51	59.0	15.1
OGI	OK Corral	46	40	46	57.8	14.5
OGI	Smith's Gold	46	42	46	58.2	14.6
OGI	High Cotton	45	--	--	58.9	14.4
PlainsGold	Crescent AX	45	38	44	59.2	14.7
LCS	LCS Atomic AX	41	42	--	58.6	15.4
OGI	Lonerider	41	40	46	58.6	15.7
OGI	Butler's Gold (late-planted)	39	--	--	58.8	17.4
LCS	LCS Photon AX	39	40	--	59.5	16.3
OGI	Breakthrough	37	37	43	57.7	14.4
OGI	Iba	37	35	40	58.8	13.7
OGI	Baker's Ann	33	34	40	58.5	15.6
<b>Experimentals</b>						
OSU	OK15MASBx7 ARS 8-29	48	--	--	58.9	14.1
	<b>Mean</b>	<b>47</b>	<b>42</b>	<b>46</b>	<b>58.8</b>	<b>14.6</b>
	<b>LSD (0.05)</b>	<b>8</b>	<b>8</b>	<b>10</b>	<b>NS</b>	<b>0.5</b>

**Notes:** Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. The crop experienced severe drought stress during the season and moderate pressure of weeds at the end of the season. The weeds present were Buffalo Bur, Cheatgrass, Crabgrass, Foxtail, Rescuegrass, Tumble weed, and Kocia. Double-dashes"--" = data not available.