



# Alva Wheat Variety Trial

wheat.okstate.edu

**Cooperator: Joe Shirley**

**Extension Educator: Greg Highfill**

**Planting & harvest dates: 10/13/2022 & 06/27/2023**

**Previous crop: Wheat**

**Management: Grain-only**

**Soil Type: Bethany silt loam**

**Tillage: Conventional**

**Soil test: pH=6.6, N= 140, P= 31, K= 526**

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2022-23	2-Year	3-Year	2022-23	2022-23
		----- bu/ac -----			-- lb/bu --	-- % --
PlainsGold	Canvas	38	33	--	62.5	14.9
OGI	Showdown	36	29	42	60.8	15.9
OGI	Doublestop CL+	35	26	34	60.6	18.0
AgriPro	Bob Dole	34	26	37	59.6	16.7
KWA	KS Ahearn	34	--	--	60.2	15.8
Croplan	CP7017AX	34	29	--	60.7	15.0
KWA	KS Providence	34	--	--	60.4	16.4
OGI	Strad CL+	34	25	--	60.1	17.4
Westbred	WB4792	33	28	40	62.8	15.6
AgriPro	SY Wolverine	33	--	--	61.0	17.0
AGSECO	AG Golden	32	--	--	60.2	14.8
OGI	Gallagher	32	25	36	60.6	16.3
OGI	High Cotton	32	--	--	59.9	16.2
OGI	Iba	31	--	--	61.4	15.0
OGI	Big Country	30	22	36	60.4	16.7
OGI	Uncharted	30	--	--	60.0	16.2
PlainsGold	Crescent AX	30	24	39	58.8	17.4
OGI	Green Hammer	30	23	--	59.3	18.4
Westbred	WB4632	30	--	--	60.9	16.8
OGI	Smith's Gold	29	25	36	60.1	17.1
OGI	Baker's Ann	29	--	--	60.6	16.7
OGI	OK Corral	28	24	38	58.8	16.1
Westbred	WB4523	27	--	--	61.2	14.6
AgriMAXX	AM Cartwright	26	18	29	58.8	17.1
LCS	LCS Atomic AX	26	24	--	60.2	16.5
LCS	LCS Photon AX	23	21	33	59.4	18.0
Westbred	WB4401	23	18	32	59.0	16.6
OGI	Butler's Gold	20	18	--	59.2	19.3
<b>Experimentals</b>						
OSU	OK15MASBx7 ARS 8-29	32	26	--	60.4	16.2
OSU	OK15DMASBx7 ARS 6-8	28	--	--	61.4	16.5
OSU	OK16107133-19-3	28	--	--	61.6	17.4
<b>Mean</b>		<b>30</b>	<b>24</b>	<b>36</b>	<b>60.3</b>	<b>16.5</b>
<b>LSD (0.05)</b>		<b>5</b>	<b>4</b>	<b>8</b>	<b>2.1</b>	<b>1.0</b>

**Notes:** Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values were 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 Buckwheat, Buffalo Bur, Crabgrass, Downy brome, Foxtail, Johnson grass, and Kocia. Double-dashes"--" = data not available.