



# Alva Wheat Variety Trial

wheat.okstate.edu

<b>Cooperator: Joe Shirley</b>	<b>Extension Educator: Greg Highfill</b>
<b>Planting &amp; harvest dates: 10/22/2021 &amp; 06/13/2022</b>	<b>Previous crop: Wheat</b>
<b>Management: Grain-only</b>	<b>Soil Type: Bethany silt loam</b>
<b>Tillage: Conventional</b>	<b>Soil test: pH=6.2, N= 71, P= 29, K= 455</b>

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2021-22	2-Year	3-Year	2021-22	2021-22
		----- bu/ac -----			-- lb/bu --	-- % --
PlainsGold	Canvas	26	--	--	57.7	17.7
KWA	KS Hamilton	23	--	--	56.0	17.8
Croplan	CP7017AX	22	--	--	56.2	17.3
LCS	LCS Atomic AX	22	--	--	57.2	16.8
OGI	Showdown	21	43	53	55.5	18.0
Westbred	WB4792	21	41	--	59.1	17.1
AGSECO	AG Icon	20	39	51	53.8	18.8
OGI	Smith's Gold	20	37	46	56.2	18.6
OGI	OK Corral	18	41	--	51.1	17.9
LCS	LCS Photon AX	18	36	--	56.4	19.3
PlainsGold	Crescent AX	17	41	--	54.8	18.9
PlainsGold	Guardian	17	42	--	58.3	17.6
OGI	Gallagher	16	36	48	54.0	19.3
OGI	Doublestop CL+	15	30	48	53.7	20.1
AgriPro	Bob Dole	15	36	55	54.5	20.3
Westbred	WB4699	15	39	--	53.5	18.0
LCS	LCS Valiant	15	--	--	51.7	21.6
AgriPro	AP EverRock	15	--	--	54.9	19.7
OGI	Butler's Gold	14	--	--	49.3	19.4
KWA	KS Western Star	14	37	--	57.9	17.8
AgriPro	AP Roadrunner	14	--	--	53.9	19.3
OGI	Green Hammer	14	--	--	57.0	21.5
OGI	Strad CL+	14	--	--	53.3	19.4
Westbred	WB4401	11	34	--	54.5	20.0
OGI	Big Country	11	37	--	55.1	21.4
OGI	Skydance	11	30	44	50.3	20.2
OGI	Butler's Gold (late-planted)	11	--	--	54.9	20.2
AgriMAXX	AM Cartwright	7	27	--	51.3	21.3
<b>Experimentals</b>						
	OK15DMASBx7 ARS 8-29	17	--	--	53.4	19.7
<b>Mean</b>		<b>16</b>	<b>33</b>	<b>49</b>	<b>54.7</b>	<b>19.1</b>
<b>LSD (0.05)</b>		<b>5</b>	<b>4</b>	<b>5</b>	<b>5.3</b>	<b>1.7</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 and moderate pressure of fusarium crown/root rot disease. Both grain yield and test weight were heavily impacted. In 2020, there were no harvest results from this location. Thus, the 3-year average represent results from 2019, 2021, and 2022 harvest years. Butler's Gold late-planted was planted on 11/30/21 at 1.4 million seeds/acre. Double-dashes"--" = data not available.