



Alva Wheat Variety Trial

wheat.okstate.edu

Cooperator: Joe Shirley

Extension Educator: Katherine Barger

Planting & harvest dates: 10/04/2024 & 6/24/2025

Previous crop: Wheat

Management: Grain-only, conventional tillage

Soil Type: Bethany silt loam

Seeding rate: 60 lbs/acre

Soil test: pH= 6.4, N= 66, P= 46, K= 682

Nitrogen: 6 lbs/ac as 10-34-0 at planting, 60 lbs/ac on 01/05/2025 and 30 lbs/ac on 03/01/2025, both as UAN.

Fungicide: none

Licensee	Variety	Grain Yield			Test Weight	Protein
		2024-2025	2-Year	3-Year		
		----- bu/ac -----			-- lb/bu --	-- % --
PlainsGold	Canvas	83a	60a	53a	62.0	12.1
AGSECO	AG Golden	70	56a	48a	59.5	11.9
OGI	Showdown	70	55a	49a	60.1	12.4
Westbred	WB4792	69	54a	47	63.8a	13.1
KWA	KS Providence	68	54a	48a	59.5	13.2
PlainsGold	Kivari AX	68	--	--	60.2	12.0
LCS	LCS Steel AX	68	--	--	59.6	11.8
AgriPro	AP Roadrunner	67	--	--	59.5	13.1
OGI	OK Corral	66	55a	46	59.7	12.3
OGI	High Cotton	66	52	45	61.7	13.6
OGI	Paradox	66	53a	46	59.9	12.1
Armor	AR Iron Eagle 22AX	63	--	--	62.1	11.9
OGI	Green Hammer	62	50	43	60.3	14.4
OGI	Gallagher	62	51	45	60.5	12.7
PlainsGold	Crescent AX	61	51	44	60.6	12.2
AgriPro	AP Sunbird	61	--	--	61.8	12.1
OGI	Strad CL+	60	49	44	60.4	14.8a
KWA	KS Territory	60	--	--	59.9	13.0
Croplan	CP7462	59	--	--	59.3	12.7
LCS	LCS Runner	59	--	--	61.4	12.0
Croplan	CP7017AX	59	50	44	61.4	12.1
OGI	Smith's Gold	58	49	42	63.0	13.0
AgriPro	AP Prolific	58	--	--	59.7	13.4
OGI	Doublestop CL+	55	47	43	61.7	15.4a
OGI	Uncharted	55	--	--	60.4	14.2
Westbred	WB4445CLP	54	--	--	61.1	13.7
KWA	KS Mako	54	--	--	61.4	13.1
OGI	Orange Blossom CL+	53	--	--	62.7	14.4
LCS	LCS Radar	53	--	--	61.0	13.3
Westbred	WB4422	50	--	--	62.3	13.3
AgriPro	AP24 AX	50	--	--	59.7	11.9
LCS	LCS Atomic AX	41	42	36	61.3	12.2
LCS	LCS Cowie AX	36	--	--	61.4	12.6
OGI	Firebox	29	33	32	61.5	13.9
Experimentals						
PlainsGold	CO19D087R	59	--	--	60.3	11.9
OSU	OK21DTR1705-91	58	--	--	61.0	13.4
OSU	OK20708	57	48	--	60.9	13.2
PlainsGold	CO18042RA	47	--	--	61.8	12.1
Mean		59	51	44	60.9	12.9
LSD (0.05)		7	7	5	0.7	0.6

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. Double-dashes "--" = data not available.