



Altus Regional Wheat Variety Trial 2022-2023

wheat.okstate.edu

Cooperator: OSU Southwest Res. & Ext. Center

Extension Educator: Gary Strickland

Planting & harvest dates: 11/03/2022 & 5/31/2023

Previous crop: Wheat

Management: Grain-only

Soil Type: Hollister silt clay loam

Tillage: Conventional

Soil test: pH= 6.5, N= 30, P= 183, K= 1213

Licensee	Variety	Grain Yield			Test Weight	Protein
		2022-2023	2-Year	3-Year	2022-2023	2022-2023
		----- bu/ac -----			-- lb/bu --	-- % --
LCS	LCS Photon AX	57	63	52	60.3	17.9
LCS	LCS Atomic AX	55	62	--	60.1	16.5
Westbred	WB4422	51	--	--	58.8	18.8
Croplan	CP7017AX	50	58	--	58.3	16.4
PlainsGold	Canvas	49	62	64	58.1	17.6
Westbred	WB4632	49	--	--	58.3	18.7
OGI	Bentley	48	57	48	56.8	17.3
OGI	Doublestop CL+	48	53	57	61.6	18.3
AgriPro	AP Bigfoot	48	56	--	60.2	17.0
LCS	LCS Helix AX	48	57	--	60.6	17.2
OGI	Green Hammer	47	56	47	59.8	18.9
Westbred	WB4792	47	59	60	60.1	16.8
OGI	High Cotton	47	--	--	59.3	18.1
OGI	Showdown	47	62	63	58.0	18.8
PlainsGold	Breck	47	--	--	58.9	18.0
PlainsGold	Crescent AX	46	56	45	58.1	17.3
LCS	LCS Chrome	46	57	57	56.3	18.8
OGI	Strad CL+	45	--	--	59.6	17.7
Croplan	CP7266AX	44	--	--	57.8	17.1
PlainsGold	Kivari AX	43	--	--	59.0	17.1
AGSECO	AG Golden	43	--	--	54.8	18.1
KWA	KS Providence	43	--	--	58.9	18.4
LCS	LCS Galloway AX	43	--	--	57.4	19.3
LCS	LCS Julep	42	50	--	59.6	18.5
OGI	Uncharted	42	52	44	59.0	17.0
OGI	Butler's Gold	42	--	--	60.3	18.9
LCS	LCS Steel AX	41	--	--	59.4	17.7
AGSECO	AG Radical	41	58	--	55.6	20.6
OGI	Iba	41	--	--	60.3	17.7
OGI	Gallagher	40	50	47	59.2	18.3
Westbred	WB4523	40	--	--	56.6	17.8
OGI	Smith's Gold	39	51	49	59.4	17.7
KWA	KS Ahearn	38	48	--	56.6	18.9
OGI	OK Corral	38	50	54	53.5	19.2
Westbred	WB4401	38	45	39	57.1	18.4
AgriMAXX	AM Cartwright	37	47	--	58.4	18.6
AgriPro	AP Longjack	35	--	--	52.5	18.7
OGI	Butler's Gold (late-planted)	34	--	--	60.5	17.8
Experimentals						
OSU	OK15DMASBx7 ARS 6-8	48	--	--	58.6	18.7
OSU	OK18205	44	--	--	56.7	19.6
OSU	OK15MASBx7 ARS 8-29	35	--	--	57.4	18.9
OSU	OK16107133-19-3	34	--	--	59.3	18.3
Mean		44	55	52	58.3	18.1
LSD (0.05)		9	6	14	1.2	0.8

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. In 2022, there was no harvest results from this location due to the severe drought. Thus, 2-year and 3-year averages represent results from 2023, 2021, and 2020 harvest years. Double-dashes "--"=data not available.