



Lahoma Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: OSU North Central Research Station **Extension Educator:** Rick Nelson
Planting & harvest dates: 10/27/2022 & 06/15/2023 **Previous crop:** Austrian winter peas
Management: Grain-only **Soil Type:** Pond Creek silt loam
Tillage: Conventional **Soil test:** pH=5.2, N= 146, P= 111, K= 352

Licensee	Variety	Grain Yield		Test Weight	Wheat Protein
		2022-23	2-Year	2022-23	2022-23
		----- bu/ac -----		-- lb/bu --	-- % --
KWA	KS Providence	77	77	59.8	15.0
AGSECO	AG Radical	73	80	59.2	15.0
AgriPro	Bob Dole	72	76	59.9	15.4
Westbred	WB4632	72	--	60.2	14.1
PlainsGold	Kivari AX	71	--	60.9	13.6
AgriPro	AP Prolific	71	80	59.8	14.9
PlainsGold	Breck	70	76	61.4	14.7
PlainsGold	Canvas	70	77	61.2	14.4
PlainsGold	Crescent AX	70	73	59.8	14.4
LCS	LCS Helix AX	69	79	58.9	14.2
Croplan	CP7266AX	69	72	60.2	14.7
Westbred	WB4422	69	81	61.1	15.4
OGI	Big Country	68	64	59.7	15.4
LCS	LCS Julep	68	72	62.4	15.5
AgriPro	SY Wolverine	68	--	59.7	15.7
AGSECO	AG Golden	67	79	59.5	13.4
OGI	Showdown	67	76	59.6	14.7
OGI	Green Hammer	67	66	60.9	16.9
LCS	LCS Galloway AX	67	--	60.0	15.4
OGI	Gallagher	66	71	60.5	14.7
LCS	LCS Atomic AX	66	72	58.7	13.9
KWA	KS Ahearn	65	72	59.1	15.2
LCS	LCS Chrome	65	70	60.8	15.6
AgriMAXX	AM Cartwright	64	73	59.6	15.1
Croplan	CP7017AX	63	75	59.4	14.5
Westbred	WB4401	63	71	59.2	14.3
AgriPro	AP Longjack	63	--	58.1	15.6
OGI	Iba	62	--	60.3	13.9
LCS	LCS Steel AX	62	73	59.9	15.0
OGI	High Cotton	61	--	60.5	14.7
OGI	Bentley	60	71	59.5	15.4
OGI	OK Corral	60	68	57.5	15.0
AgriPro	AP EverRock	59	63	59.2	15.9
OGI	Doublestop CL+	59	65	61.5	16.8
AgriPro	AP Bigfoot	59	--	59.5	15.2
OGI	Smith's Gold	59	67	60.5	15.4
Westbred	WB4523	59	66	59.1	13.7
OGI	Baker's Ann	58	66	58.9	15.3
LCS	LCS Photon AX	58	67	59.9	15.7
Westbred	WB4792	57	66	62.9	15.1
OGI	Butler's Gold	55	59	58.9	16.8
OGI	Strad CL+	55	61	59.8	17.1
OGI	Uncharted	51	58	59.4	15.8
OGI	Butler's Gold (late-planted)	31	39	57.6	19.2
Experimentals					
OSU	OK15MASBx7 ARS 8-29	69	77	60.5	14.5
OSU	OK15DMASBx7 ARS 6-8	60	--	61.2	15.5
OSU	OK16107133-19-3	60	--	60.6	16.4
Mean		64	70	59.9	15.2
LSD (0.05)		6	6	1.0	0.6

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 drought stress during the season and received rain later in the spring, which enhanced realized yield in this particular environment relative to the statewide yield average. Septoria fungal disease was observed at moderate pressure and leaf rust appeared later in the season at low pressure. This is the second year to conduct an intensive management (IM) trial at Lahoma. Due to this addition and the use of a different experimental design, data from the 2021 harvest year were not utilized to provide 3-year averages. Butler's Gold late-planted was planted on 12/5/2022 at 1.4 million seeds/acre. Double-dashes"--" = data not available.