



Lahoma Wheat Variety Trial

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Cooperator: OSU North Central Research Station Planting & harvest dates: 10/25/2024 & 06/10/2025 Management: Grain-only, conventional tillage Seeding rate: 60 lbs/acre Nitrogen: 6 lbs/ac 10-34-0 at planting and 40 lbs/ac on 2/26/25 Fungicide: none			Extension Educator: Rick Nelson Previous crop: Austrian winter peas Soil Type: Pond Creek silt loam Soil test: pH=4.9, N= 92, P= 150, K= 492		
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Licensee	Variety	Grain Yield			Test Weight 2024-25	Wheat Protein 2024-25
		2024-25	2-year	3-year		
		-- bu/ac --			-- lb/bu --	-- % --
LCS	LCS Steel AX	78a	74a	70a	57.9	13.4
KWA	KS Territory	75a	--	--	60.2	13.9
PlainsGold	Crescent AX	75a	69a	69a	60.0	13.1
KWA	KS Bill Snyder	74a	--	--	60.1	13.4
Westbred	WB4422	74a	69a	68	59.2	14.4
OGL	Orange Blossom CL+	73a	69a	--	61.6a	15.9
PlainsGold	Kivari AX	73a	71a	71a	58.6	12.5
AgriPro	AP Sunbird	72a	--	--	60.6	12.8
LCS	LCS Cowie AX	72a	--	--	59.9	13.7
AgriPro	AP24 AX	71a	74a	--	57.7	13.6
LCS	LCS Radar	70	72a	--	58.7	14.3
OGL	High Cotton	70	69a	66a	59.6	14.4
KWA	KS Mako	69	67a	--	61.5a	13.6
LCS	LCS Helix AX	69	67a	67a	60.7	13.5
Croplan	CP7462	68	--	--	57.6	13.6
KWA	KS Providence	68	66	70a	55.5	14.6
AgriPro	AP Bigfoot	67	65	63	59.8	13.6
OGL	Green Hammer	67	61	62	59.7	17.1a
LCS	LCS Warbird AX	67	69a	--	59.2	14.2
PlainsGold	CO19D087R	66	--	--	58.4	13.5
Armor	AR Iron Eagle 22AX	66	67a	--	59.5	12.6
Westbred	WB4347	66	--	--	61.6a	13.9
AGSECO	AG Radical	66	61	65	57.1	14.4
OGL	Showdown	66	69a	68a	57.5	13.7
AgriPro	AP Roadrunner	66	71a	--	56.7	14.0
PlainsGold	Canvas	65	70a	70a	57.8	13.5
PlainsGold	CO18042RA	65	--	--	59.5	13.6
LCS	LCS Runner	65	64	--	59.2	13.5
PlainsGold	Sheridan	65	--	--	59.8	13.6
Westbred	WB4792	64	62	60	62.0a	13.1
Westbred	WB4445CLP	64	--	--	57.9	14.3
AgriPro	AP Prolific	64	62	65	57.4	14.5

LCS	LCS Atomic AX	63	64	64	59.4	13.5
OGI	Strad CL+	62	66	62	59.4	15.9
OGI	OK Corral	62	65	63	56.1	14.6
OGI	Firebox	61	62	62	60.5	15.4
OGI	Smith's Gold	61	62	61	60.1	13.9
Croplan	CP7869	60	63	--	58.2	14.4
OGI	Doublestop CL+	60	63	62	60.7	16.7a
Croplan	CP7017AX	60	63	63	59.0	12.9
AGSECO	AG Golden	59	64	65	53.6	13.3
Armor	AR Turret 25	57	61	--	57.4	14.3
OGI	Gallagher	55	65	65	56.6	14.5
OGI	Paradox	55	67a	68a	54.4	14.4
OGI	Uncharted	51	55	53	59.4	15.6
Experimentals						
OSU	OK21DTR1705-91	71a	--	--	58.7	14.6
OSU	OK23D89076X	68	--	--	57.9	13.1
OSU	OK20708	67	73a	--	58.7	14.3
PlainsGold	CO19D087R	66	--	--	58.4	13.5
PlainsGold	CO18042RA	65	--	--	59.5	13.6
Mean		66	66	65	58.8	14.1
LSD (0.05)		7	7	5	1.1	0.4

Note: " Grain yield and protein concentration were adjusted to 12% moisture content. a: Shaded values were not statistically different from the highest value within a column. High wheat streak mosaic virus (WSMV) pressure was observed in Paradox, Gallagher, and AR Turret 25. Double-dashes "--" = data not available."