



Lahoma Wheat Variety Trial

Standard vs. Intensive Management Comparison

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Cooperator: North Central Research Station Planting & harvest dates: 10/16/2025 & 06/11/2026 Management: Grain-only, conventional tillage Seeding rate: 60 lb/ac for the standard and 1.2 million seeds/acre for the intensive management Nitrogen: Both management systems received 6 lbs/ac as 10-34-0 at planting and 70 lb N/ac as urea on 02/12/2026. The intensive management treatment received an additional 60 lb N/ac as urea on 03/10/2026. Fungicide: none for the standard management and 4 fl oz/ac of Tebucure 3.6 at jointing on 03/10/2026, and 9 fl oz/ac of Trivapro at flag leaf on 04/06/2026 for the intensive management.	Extension Educator: Rick Nelson Previous crop: Austrian winter peas Soil Type: Pond creek silt loam Soil test: pH= 5.9, N= 47, P= 67, K= 447
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Licensee	Variety	Grain Yield			Test Weight			Protein		
		Standard	Intensive	Diff	Standard	Intensive	Diff	Standard	Intensive	Diff
		bu/ac			lb/bu			%		
PlainsGold	Canvas	67a	68a	1	58.9a	59.9a	1.0	12.1	13.5	1.4
Croplan	CP7599CLP	64a	66a	2	60.0a	59.8a	-0.2	13.6	14.9	1.3
KWA	KS Bill Snyder	61a	58a	-3	59.4a	59.7a	0.3	13.5	14.5	1.0
KWA	KS Tradition	60a	58a	-2	57.9	58.2	0.3	13.0	14.7	1.7
Westbred	WB4347	59a	66a	7	64.0a	64.0a	0.0	13.6	14.2	0.6
LCS	LCS Mojo	56a	58a	2	58.4a	58.5	0.1	13.4	14.7	1.3
KWA	KS Providence	56	56	0	56.5	56.3	-0.2	14.9a	16.0	1.1
LCS	LCS Warbird AX	56	53	-3	57.8	58.5	0.7	13.4	15.1	1.7
OGI	High Cotton	56	59a	3	59.2a	59.9a	0.7	13.0	14.7	1.7
PlainsGold	Outlaw	56	59a	3	57.3	57.4	0.1	13.4	14.2	0.8
AgriPro	AP Sunbird	55	61a	6	57.0	59.4a	2.4	12.5	13.6	1.1
AGSECO	AG Radical	55	56	1	56.4	57.1	0.7	13.5	15.7	2.2
LCS	LCS Highnoon	54	57a	3	57.0	57.2	0.2	13.3	15.2	1.9
LCS	LCS Radar	53	51	--	57.5	57.7	0.2	14.1	15.9	--
LCS	LCS Troubadour AX	52	56a	4	56.4	57.4	1.0	12.1	13.2	1.1
PlainsGold	Crescent AX	52	57a	5	58.2a	58.9	0.7	13.3	14.5	1.2
PlainsGold	Kivari AX	51	57a	6	56.5	57.3	0.8	12.7	14.2	1.5
LCS	LCS Cowie AX	51	54	3	58.7a	58.9	0.2	13.6	14.8	1.2
Westbred	WB4422	51	59a	8	58.1a	59.2	1.1	13.2	14.7	1.5
OGI	Wyatt	51	60a	9	57.3	58.6	1.3	14.1	14.8	0.7
AgriPro	AP Tango	50	58a	8	55.5	56.8	1.3	13.8	14.5	0.7
OGI	Green Hammer	50	56a	6	57.8	58.3	0.5	14.7a	16.6a	1.9
Westbred	WB445CLP	50	52	2	57.0	57.9	0.9	14.3	15.4	1.1
OGI	Orange Blossom CL+	49	48	-1	59.0a	59.5a	0.5	14.2	15.4	1.2
Croplan	CP7017AX	49	55	6	56.8	58.1	1.3	13.3	14.3	1.0
OGI	Doublestop CL+	49	49	0	59.2a	59.3	0.1	14.3	16.1	1.8
OGI	Showdown	49	53	4	56.7	57.1	0.4	13.0	14.5	1.5
Westbred	WB4459AX	49	57a	8	58.0a	59.2	1.2	12.2	13.9	1.7
AgriPro	AP24 AX	48	55	7	55.8	57.1	1.3	13.1	14.5	1.4
LCS	LCS Caballero AX	47	50	3	57.1	57.5	0.4	13.5	15.3	1.8
OGI	Smith's Gold	47	56a	9	58.9a	60.6a	1.7	13.6	14.3	0.7
OGI	Paradox	47	51	4	55.8	56.1	0.3	13.2	15.5	2.3
AGSECO	AG Golden	47	50	--	55.1	55.7	0.6	13.4	14.4	--
LCS	LCS Turnpike CL+	46	51	5	58.8a	59.4a	0.6	13.4	14.9	1.5
AgriPro	AP Prolific	46	47	1	55.3	56.6	1.3	13.9	15.8	1.9
OGI	Gallagher	45	53	8	56.3	57.6	1.3	14.3	15.8	1.5
Croplan	CP7869	44	44	0	56.3	56.7	0.4	14.4a	15.4	1.0
Westbred	WB4792	44	43	-1	60.3a	61.0a	0.7	13.4	14.4	1.0
LCS	LCS Gaucho CL+	43	40	-3	58.7a	58.8	0.1	14.3	16.4	2.1
Westbred	WB4650	43	43	0	53.8	56.3	2.5	13.0	14.7	1.7
OGI	OK Corral	43	50	7	54.6	55.6	1.0	13.8	15.3	1.5
AgriPro	AP Stocky	34	40	6	52.3	53.1	0.8	14.7a	15.6	0.9
	Milestone	32	26	-6	52.9	53.0	0.1	13.7	16.5a	2.8
	Ramsay	30	29	-1	53.1	52.9	-0.2	15.4a	17.3a	1.9
Experimentals										
PlainsGold	CO20022RC	60a	67a	7	59.2a	59.8a	0.6	12.5	13.6	1.1
KWA	KS20HD134	60a	62a	2	57.0	58.5	1.5	12.9	13.9	1.0
PlainsGold	CO19410R	56	64a	8	57.7	59.4a	1.7	11.9	14.4	2.5
OSU	OK21DTR1705-91	56	62a	6	58.0a	58.7	0.7	13.6	14.5	0.9
KWA	KS170013D-19	44	47	3	57.5	57.9	0.4	14.6a	15.8	1.2
OSU	OK21611	40	49	9	57.8	58.1	0.3	13.8	14.9	1.1
OSU	OK23D89031X	36	35	-1	57.6	58.5	0.9	13.7	14.4	0.7
OSU	OK20056CF-10C24	32	39	7	57.9	57.4	--	15.4a	16.4a	1.0
Mean		50	53	3	57.2	57.9	0.7	15.0	15.0	0.0
LSD (0.05)		7	8	--	1.0	0.7	--	0.7	0.7	--

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. a: Shaded values are not statistically different from the highest value within a column. Double-dashes "--"=data not available.