



Chickasha Intensive Wheat Management Variety Trial

wheat.okstate.edu

Cooperator: South Central Research Station

Planting & harvest dates: 10/30/2025 & 06/02/2026

Management: Grain-only, conventional tillage

Seeding rate: 1.2 million seeds/acre

Nitrogen: 6 lbs/ac 10-34-0 at planting, 60 lbs/ac on 03/10/2026 as urea and 80 lbs/ac on 02/11/2026 as urea

Fungicide: 4 fl oz of Tebucure 3.6 at jointing on 03/10/2026 and 13 fl oz of Nexicor at flag leaf on 04/06/2026

Extension Educator: Kelly Burrows

Previous crop: Austrian winter peas

Soil Type: Dale silt loam

Soil test: pH= 7.5, N= 38, P= 37, K= 397

Licensee	Variety	Grain Yield			Test Weight	Protein
		2025-2026	2-Year*	3-Year**		
			bu/ac		-- lb/bu --	-- % --
LCS	LCS Cowie AX	77a	--	--	63.6a	13.3
Croplan	CP7869	77a	77	--	61.9	13.7
OGI	Wyatt	75a	81a	--	62.3	13.9
AGSECO	AG Radical	75a	80a	81	62.0	14.1
PlainsGold	Outlaw	75a	--	--	61.8	13.3
LCS	LCS Highnoon	74a	--	--	62.1	13.9
Nutrien	Ramsay	74a	--	--	60.8	13.8
KWA	KS Bill Snyder	74a	--	--	63.3	13.3
Westbred	WB4422	73a	87a	90a	63.3	14.4
LCS	LCS Mojo	73a	--	--	62.1	13.4
AgriPro	AP Prolific	73a	79a	83a	63.1	14.5
AgriPro	AP Tango	73a	--	--	62.0	13.9
PlainsGold	Canvas	72a	80a	82	63.7a	13.9
KWA	KS Tradition	71a	--	--	62.4	13.1
LCS	LCS Warbird AX	70a	72	--	63.4a	13.8
LCS	LCS Troubadour AX	70a	--	--	62.3	12.9
PlainsGold	Kivari AX	70a	76	81	61.5	12.9
AGSECO	AG Golden	70a	80a	84a	62.1	13.6
Croplan	CP7599CLP	69a	--	--	64.2a	15.0
LCS	LCS Radar	68a	79a	--	60.7	13.6
OGI	Showdown	65	80a	84a	61.8	13.7
Westbred	WB4445CLP	65	--	--	62.9	14.0
OGI	Green Hammer	64	69	73	63.4a	15.2
AgriPro	AP Sunbird	64	--	--	63.0	14.0
OGI	Paradox	64	77	82	62.3	14.8
Nutrien	Milestone	63	--	--	58.5	14.1
OGI	High Cotton	63	76	80	63.3	14.1
KWA	KS Providence	61	69	77	62.2	14.3
Croplan	CP7017AX	61	79a	82	62.3	13.9
Westbred	WB4459AX	60	--	--	64.0a	12.9
AgriPro	AP Stocky	60	--	--	60.2	13.7
LCS	LCS Turnpike CL+	59	--	--	64.2a	14.4
OGI	Gallagher	59	71	77	62.9	15.0
LCS	LCS Aries	58	--	--	62.6	13.9
OGI	Orange Blossom CL+	56	72	--	63.6a	15.7a
USDA-ARS (KS)	Concordia	56	--	--	61.8	14.6
OGI	Smith's Gold	56	67	73	63.6a	14.4
Nutrien	Cavalry	54	--	--	58.5	15.4a
AgriPro	AP24 AX	53	68	--	62.1	14.7
OGI	Doublestop CL+	49	60	67	63.8a	15.2
Experimentals						
KWA	KS20HD134	70a	--	--	62.8	13.4
PlainsGold	CO20022RC	70a	--	--	63.8a	13.2
OSU	OK23D89031X	67a	--	--	62.1	13.5
OSU	OK21DTR1722-62	65	--	--	62.5	16.1a
OSU	OK23D89088X	65	--	--	63.6a	14.2
PlainsGold	CO19410R	57	--	--	62.6	14.1
OSU	OK21611	54	--	--	63.0	14.7
OSU	OK21DTR1705-91	54	--	--	62.0	15.7a
Mean		65	75	80	62.4	14.1
LSD (0.05)		10	9	7	0.8	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. * Two-year means were calculated using data from 2023–2024 and 2025–2026. ** Three-year means were calculated using data from 2022–2023, 2023–2024 and 2025–2026. Trial data were not available for the 2024–2025 growing season. Varieties LCS Gaucho CL+, OK21DTR1722-16W, WB4347, and WB4792 were excluded from the intensive management trial analysis due to severe freeze injury, which was more severe on the west side of the trial. OK Corral was excluded from the analysis due to deer damage. Double-dashes "--"=data not available.