



Cherokee Wheat Variety Trial

wheat.okstate.edu

Cooperator: Kenneth Failes

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Planting & harvest dates: 10/04/2024 & 6/24/2025

Previous crop: Wheat

Management: Grain-only, conventional tillage

Soil Type: Dale silt loam

Seeding rate: 60 lbs/acre

Soil test: pH= 6.0, N= 141, P= 63, K= 594

Nitrogen: 6 lbs/ac as 10-34-0 at planting

Fungicide: none

Licensee	Variety	Grain Yield			Test Weight	Protein	Shattering	Lodging
		2024-2025	2-Year	3-Year				
		----- bu/ac -----			-- lb/bu --	-- % --	-- % --	score
PlainsGold	Canvas	60a	60a	55a	60.9	10.2	10	2
Westbred	WB4347	55a	--	--	60.7	10.4	10	3
OGI	Smith's Gold	54a	48	46	61.1	10.7	5	3
AGSECO	AG Golden	53a	--	--	56.6	9.9	15	1
OGI	Showdown	51	60a	53a	58.4	10.4	15	1
KWA	KS Providence	51	51	50a	57.9	11.4	15	1
LCS	LCS Steel AX	50	47	--	57.4	10.0	20	1
PlainsGold	Crescent AX	49	48	47	59.7	10.5	10	3
Westbred	WB4792	49	50	47	62.3a	11.2	10	1
AgriPro	AP Roadrunner	47	--	--	58.2	10.4	10	2
LCS	LCS Radar	47	--	--	60.4	11.0	15	1
PlainsGold	Kivari AX	46	--	--	58.0	10.8	10	3
AgriPro	AP Prolific	46	48	--	58.0	11.4	15	1
OGI	Gallagher	46	39	38	57.8	10.5	10	1
LCS	LCS Helix AX	45	46	43	59.8	10.9	20	2
Armor	AR Iron Eagle 22AX	45	--	--	59.6	10.4	35	2
OGI	OK Corral	45	42	40	57.1	10.2	5	4
Croplan	CP7017AX	44	47	46	59.1	10.2	20	2
AGSECO	AG Radical	43	53a	48a	58.2	10.7	15	3
OGI	Paradox	42	39	40	56.5	10.3	5	2
OGI	Doublestop CL+	42	41	42	59.8	12.5a	10	1
Croplan	CP7869	41	--	--	58.6	11.6	20	2
OGI	Strad CL+	40	36	38	58.2	12.3a	5	2
KWA	KS Mako	40	--	--	59.7	10.7	30	1
LCS	LCS Warbird AX	39	--	--	60.0	10.9	20	1
Armor	AR Turret 25	39	--	--	58.5	11.1	25	1
LCS	LCS Runner	38	--	--	60.1	10.9	10	2
OGI	Orange Blossom CL+	37	44	--	60.1	11.7	20	2
KWA	KS Territory	37	--	--	58.5	10.8	15	1
OGI	High Cotton	35	39	37	58.7	11.9a	10	1
OGI	Green Hammer	35	42	40	58.9	12.7a	5	3
KWA	KS Bill Snyder	33	--	--	59.0	11.2	30	0
AgriPro	AP24 AX	33	--	--	57.5	10.3	25	1
PlainsGold	Sheridan	33	--	--	60.6	10.7	30	2
Westbred	WB4422	33	41	40	60.2	10.7	30	2
AgriPro	AP Bigfoot	27	--	--	59.5	12.0a	20	1
OGI	Firebox	18	--	--	59.4	11.2	25	2
Experimentals								
PlainsGold	CO19D087R	42	--	--	57.4	10.4	5	3
OSU	OK20708	39	37	--	58.0	11.2	15	0
OSU	OK23D89076X	38	--	--	60.3	11.2	40	2
Mean		42	46	44	59.0	10.9	17	2
LSD (0.05)		7	8	6	1.0	0.9	--	--

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Lodging and shattering data were collected at harvest. Lodging was rated on a scale from 0 to 5, where 0 indicates no lodging and 5 indicates severe lodging across the entire plot. Average shattering ratings were measured on a scale from 0 to 100%, with 0 indicating no shattering. High wheat streak mosaic virus (WSMV) pressure was observed in Paradox. ^a: Shaded values are not statistically different from the highest value within a column. Double-dashes "--" = data not available.