



El Reno Wheat Variety Trial

Grain Only vs. Dual-Purpose Management Comparison

wheat.okstate.edu

Cooperator: Jerry Lingo

Planting & harvest dates: 11/03/2025 & 05/30/2026

Management: conventional tillage

Seeding rate: 60 lbs/ac for grain-only and 120 lbs/ac for dual-purpose

Nitrogen: 6 lbs/ac 10-34-0 at planting and 60 lbs/ac on 03/10/2025 as urea

Fungicide: none

Extension Educator: Kyle Worthington

Previous crop: wheat

Soil Type: Bethany silt loam

Soil test: pH= 6.1, N= 24, P= 63, K= 370

Licensee	Variety	Grain Yield			Test Weight			Protein		
		Grain-only	Dual-Purpose	Diff	Grain-only	Dual-Purpose	Diff	Grain-only	Dual-Purpose	Diff
		bu/ac			lb/bu			%		
Westbred	WB4347	42a	34a	-8	54.1a	58.1a	4.0	13.1	13.6	0.5
PlainsGold	Canvas	38a	37a	-1	48.8	57.0a	8.2	12.5	12.3	-0.2
LCS	LCS Troubadour AX	36	33a	-3	50.2	54.9	4.7	13.0	13.2	0.2
KWA	KS Providence	32	17	-15	48.5	51.3	2.8	14.6	16.1	1.5
PlainsGold	Kivari AX	32	29	-3	48.4	54.6	6.2	12.5	13.6	1.1
AGSECO	AG Golden	31	23	-8	48.6	52.0	3.4	13.6	14.2	0.6
AgriPro	AP24 AX	31	26	-5	48.7	54.1	5.4	12.8	14.3	1.5
OGI	Showdown	30	35a	5	47.2	53.3	6.1	13.7	14.0	0.3
OGI	High Cotton	30	23	-7	52.3a	56.1	3.8	14.2	15.4	1.2
AgriPro	AP Sunbird	29	22	-7	52.5a	55.4	2.9	12.7	14.4	1.7
LCS	LCS Cowie AX	28	34a	6	53.3a	57.9a	4.6	13.2	13.7	0.5
LCS	LCS Turnpike CL+	28	26	-2	53.0a	57.3a	4.3	13.6	15.1	1.5
OGI	Doublestop CL+	27	25	-2	52.8a	55.9	3.1	14.6	15.2	0.6
Westbred	WB4459AX	27	32	5	51.3	56.2	4.9	12.4	13.3	0.9
LCS	LCS Gaucho CL+	27	19	-8	53.1a	55.4	2.3	14.6	16.7a	2.1
PlainsGold	CO19410R	27	35a	8	50.4	55.6	5.2	12.9	12.6	-0.3
OGI	Wyatt	26	22	-4	50.3	55.7	5.4	14.9	16.5a	1.6
AGSECO	AG Radical	26	24	-2	50.0	51.9	1.9	13.6	14.6	1.0
OGI	Smith's Gold	25	23	-2	52.2a	55.6	3.4	13.6	14.8	1.2
Croplan	CP7017AX	25	36a	11	49.0	54.9	5.9	12.9	13.6	0.7
Westbred	WB4422	25	22	-3	48.3	53.8	5.5	13.9	15.4	1.5
Westbred	WB4445CLP	25	18	-7	50.1	53.0	2.9	15.2	16.5a	1.3
OGI	Green Hammer	24	21	-3	52.7a	55.2	2.5	15.9	17.3a	1.4
KWA	KS Bill Snyder	24	22	-2	52.6a	54.6	2.0	13.9	15.0	1.1
AgriPro	AP Prolific	24	23	-1	47.5	52.8	5.3	14.4	15.8	1.4
LCS	LCS Warbird AX	24	34a	10	51.4	56.4	5.0	13.5	13.6	0.1
OGI	Orange Blossom CL+	23	22	-1	52.9a	57.2a	4.3	14.1	15.0	0.9
OGI	Gallagher	22	20	-2	48.1	54.0	5.9	14.8	16.5a	1.7
AgriPro	AP Stocky	20	20	0	47.8	48.7	0.9	15.5	16.5a	1.0
LCS	LCS Radar	20	24	4	48.4	52.4	4.0	15.7	14.6	-1.1
OGI	OK Corral	18	21	3	42.3	49.4	7.1	15.3	15.3	0.0
Croplan	CP7869	16	19	3	47.7	51.0	3.3	15.2	14.1	-1.1
Nutrien	Cavalry	11	20	9	42.0	47.7	5.7	19.0a	15.0	-4.0
Nutrien	Ramsay	9	13	4	42.9	46.4	3.5	17.2	15.4	-1.8
Nutrien	Milestone	5	13	8	40.5	43.9	3.4	16.5	14.9	-1.6
	Experimentals			0			0.0			0.0
OSU	OK21320	38a	26	-12	52.0a	54.6	2.6	14.8	15.4	0.6
PlainsGold	CO20022RC	35	38a	3	53.1a	58.9a	5.8	13.1	13.2	0.1
OSU	OK21DTR1705-91	34	19	-15	51.9a	53.9	2.0	14.4	15.8	1.4
OSU	OK23D89031X	30	21	-9	51.5a	55.1	3.6	14.2	15.3	1.1
KWA	KS20HD134	25	30	5	47.8	53.5	5.7	13.3	14.9	1.6
	Mean	26	25	-1	49.7	53.9	4.2	14.2	14.8	0.6
	LSD (0.05)	5	5	--	2.6	2.1	--	0.9	0.9	--

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. * Two-year means were calculated using data from 2023–2024 and 2025–2026. Grain-only trial data were not available for the 2024–2025 growing season. a: Shaded values are not statistically different from the highest value within a column. Plots were grazed from December 12 to March 12, 2026, at a stocking rate of 296 pounds of animal BW per acre. Double-dashes "--"=data not available.