



# El Reno Grain-Only Wheat Variety Trial

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<b>Cooperator:</b> Jerry Lingo	<b>Extension Educator:</b> Kyle Worthington
<b>Planting &amp; harvest dates:</b> 10/17/2023 & 06/08/2024	<b>Previous crop:</b> Wheat
<b>Management:</b> Grain-only	<b>Soil type:</b> Bethany silt loam
<b>Tillage:</b> Conventional	<b>Soil test:</b> pH=6.2, N= 92, P= 68, K= 372

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2023-24	2-Year	3-Year	2023-24	2023-24
		----- bu/ac -----			-- lb/bu --	-- % --
OGI	Showdown	79	67	65	59.4	10.3
OGI	High Cotton	71	51	--	60.0	10.9
PlainsGold	Crescent AX	70	60	63	59.6	10.5
OGI	Paradox	70	55	56	60.1	10.2
AgriPro	AP Prolific	68	61	--	59.6	10.7
KWA	KS Providence	68	--	--	59.0	11.1
OGI	Strad CL+	68	45	49	60.7	11.8
OGI	Breadbox	67	--	--	60.1	10.2
LCS	LCS Galloway AX	66	--	--	59.9	11.2
OGI	OK Corral	66	51	52	59.0	10.5
PlainsGold	Kivari AX	65	--	--	57.6	9.5
OGI	Big Country	65	56	51	59.8	10.7
OGI	Doublestop CL+	65	55	56	61.6	12.5
OGI	Gallagher	65	51	52	60.0	10.6
OGI	Firebox	65	55	--	60.2	11.3
OGI	Green Hammer	64	54	55	59.9	11.9
OGI	Uncharted	64	51	53	58.7	11.1
LCS	LCS Atomic AX	64	54	57	58.8	10.4
AgriPro	AP Roadrunner	63	--	--	58.3	10.1
OGI	Smith's Gold	62	46	50	60.6	11.1
Westbred	WB4401	61	49	49	60.5	10.3
AGSECO	AG Radical	59	55	58	57.9	10.3
Westbred	WB4422	55	51	--	58.2	10.0
LCS	LCS Julep	53	--	--	60.1	10.4
	<b>Experimentals</b>					
OSU	OK198417C	66	--	--	61.2	11.7
OSU	OK16107133-19-3	65	53.7	--	59.4	12.2
OSU	OK20708	64	--	--	59.5	10.6
OSU	OK16107133-19-4	63	--	--	59.0	11.7
	<b>Mean</b>	<b>65</b>	<b>54</b>	<b>55</b>	<b>59.6</b>	<b>10.8</b>
	<b>LSD (0.05)</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>0.8</b>	<b>0.7</b>

**Notes:** Grain yield was adjusted to 12% moisture content. Shaded values were not statistically different from the highest value within a column. There was a moderate pressure of Sharp Eyespot root rot fungal disease. Double-dashes"--" = data not available.