



# El Reno Dual-Purpose Wheat Variety Trial

wheat.okstate.edu

Cooperator: Jerry Lingo  
 Planting & harvest dates: 10/6/2021 & 06/16/2022  
 Management: Dual-purpose  
 Tillage: Conventional

Extension Educator: Kyle Worthington  
 Previous crop: Wheat  
 Soil type: Bethany silt loam  
 Soil test: pH=6, N= 79, P= 54, K= 437

Licensee	Variety	Sprouted kernels		Grain Yield		Test Weight	Wheat Protein
		2021-22	2021-22	2-Year	3-Year	2021-22	2021-22
		-- % --		----- bu/ac -----		-- lb/bu --	-- % --
Croplan	CP7017AX	8	57	--	--	57.1	11.2
OGI	Showdown	3	57	66	67	57.9	12.1
PlainsGold	Crescent AX	7	50	--	--	57.7	11.7
AGSECO	AG Radical	3	49	--	--	57.5	12.8
LCS	LCS Atomic AX	30	49	--	--	56.4	11.6
LCS	LCS Photon AX	6	48	51	--	58.1	12.2
Westbred	WB4699	6	48	--	--	57.0	12.3
LCS	LCS Chrome	2	46	52	57	57.3	13.1
AGSECO	AG Icon	7	46	52	55	56.9	13.2
AgriPro	AP Roadrunner	2	42	--	--	56.5	12.4
OGI	Doublestop CL+	1	42	52	56	60.7	14.0
OGI	Uncharted	6	42	53	58	57.2	12.7
OGI	OK Corral	23	42	52	55	53.7	12.7
OGI	Gallagher	17	41	45	47	56.6	12.2
KWA	KS Ahearn	6	40	--	--	55.7	12.9
OGI	Green Hammer	0	40	46	49	59.1	14.4
OGI	Smith's Gold	20	38	48	52	57.9	13.4
OGI	Strad CL+	11	36	45	51	57.6	14.2
AgriPro	AP EverRock	24	35	--	--	55.5	13.9
Westbred	WB4401	19	35	42	--	55.3	13.5
AgriMAXX	AM Cartwright	4	32	45	--	56.8	15.6
OGI	Big Country	7	30	47	56	57.6	14.3
	<b>Experimentals</b>						
	OK15MASBx7 ARS 8-29	21	41	48	--	54.8	12.6
	<b>Mean</b>	10	<b>43</b>	<b>50</b>	<b>55</b>	<b>57.0</b>	<b>13.0</b>
	<b>LSD (0.05)</b>	--	<b>5</b>	<b>5</b>	<b>4</b>	<b>0.8</b>	<b>1.1</b>

**Notes:** Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values were not statistically different from the highest value within a column. The crop experienced high rainfall conditions after maturity, which resulted in pre-harvest sprouting damage in some varieties. Sprouting damage was assessed by counting visibly sprouted kernels among 4000 kernels. There was low to moderate presence of Barley yellow dwarf disease observed in this trial. Plots were grazed from 12/06/21 to 02/28/22 at an average stocking rate of 310 pounds of animal BW per acre. Double-dashes"--" = data not available.