



El Reno Grain-Only Wheat Variety Trial

wheat.okstate.edu

Cooperator: Jerry Lingo	Extension Educator: Kyle Worthington
Planting & harvest dates: 10/26/2021 & 06/16/2022	Previous crop: Wheat
Management: Grain-only	Soil type: Bethany silt loam
Tillage: Conventional	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	2021-22	2021-22
		-- % --	----- bu/ac -----		-- lb/bu --	-- % --
PlainsGold	Crescent AX	1	68	--	57.2	13.8
AGSECO	AG Radical	0	64	--	56.0	14.8
Croplan	CP7017AX	3	62	--	55.5	13.8
LCS	LCS Atomic AX	16	62	--	56.6	12.6
OGI	Showdown	2	60	69	56.5	14.1
Westbred	WB4699	2	60	--	56.2	14.0
AGSECO	AG Icon	3	59	60	56.7	14.9
AgriPro	AP Roadrunner	0	59	--	55.3	14.3
LCS	LCS Chrome	2	58	60	56.1	15.0
OGI	Uncharted	12	58	60	56.9	14.7
OGI	Smith's Gold	11	58	59	57.4	14.0
OGI	Doublestop CL+	1	57	62	59.5	15.8
KWA	KS Ahearn	1	57	--	54.2	14.4
OGI	Strad CL+	13	57	62	57.1	14.9
OGI	Gallagher	18	56	60	55.9	14.3
LCS	LCS Photon AX	6	56	59	58.1	14.8
OGI	Green Hammer	0	55	61	58.4	16.7
OGI	OK Corral	13	54	60	52.9	14.7
AgriMAXX	AM Cartwright	3	52	58	57.0	15.2
AgriPro	AP EverRock	26	51	--	55.0	14.7
Westbred	WB4401	18	50	58	54.1	13.6
OGI	Big Country	1	41	54	55.7	14.8
Experimentals						
	OK15MASBx7 ARS 8-29	7	58	64	55.5	14.4
Mean		7	57	60	56.2	14.5
LSD (0.05)		--	5	4	0.7	1.3

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. Double-dashes"--" = data not available.