



Chickasha Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: OSU South Central Research Station
 Planting & harvest dates: 10/25/2021 & 06/16/2022
 Management: Grain-only
 Tillage: Conventional

Extension Educator: Alexandria Minor
 Previous crop: Austrian winter peas
 Soil Type: Dale silt loam
 Soil test: pH=6.6, N= 81, P= 43, K= 377

Licensee	Variety	Lodging 2021-22	Grain Yield			Test Weight 2021-22	Wheat Protein 2021-22
			2021-22	2-Year	3-Year		
			----- bu/ac -----			-- lb/bu --	-- % --
LCS	LCS Atomic AX	2	76	51	--	57.3	coming soon
PlainsGold	Crescent AX	3	71	46	44	57.1	
LCS	LCS Helix AX	1	70	52	--	58.8	
PlainsGold	Canvas	1	69	56	48	58.4	
KWA	KS Ahearn	2	69	49	--	56.3	
AGSECO	AG Golden	1	69	--	--	56.0	
PlainsGold	Breck	1	69	--	--	58.6	
PlainsGold	Sunshine	1	69	--	--	53.7	
Croplan	CP7017AX	1	69	51	--	56.7	
KWA	KS Providence	1	68	--	--	54.0	
AgriPro	AP EverRock	2	68	--	--	56.4	
Westbred	WB4792	1	68	50	47	60.2	
OGI	Showdown	2	67	51	48	56.4	
OGI	Gallagher	2	67	48	42	55.6	
Westbred	WB4699	1	67	49	45	55.6	
Westbred	WB4422	1	66	--	--	58.2	
AgriPro	AP Roadrunner	1	66	62	--	55.9	
AgriPro	Bob Dole	2	66	48	50	54.5	
OGI	Butler's Gold	2	66	--	--	58.9	
KWA	KS Hamilton	2	66	52	--	58.0	
LCS	LCS Julep	1	65	48	--	58.7	
LCS	LCS Steel AX	1	65	--	--	55.9	
OGI	Smith's Gold	1	65	49	48	57.8	
AgriPro	AP18 AX	1	65	47	--	56.1	
OGI	Duster	2	64	53	47	55.8	
LCS	LCS Valiant	1	64	50	--	57.5	
OGI	Baker's Ann	1	64	44	43	56.6	
LCS	LCS Photon AX	1	63	44	--	58.8	
Westbred	WB4523	1	63	--	--	55.8	
KWA	KS Western Star	2	63	55	--	57.9	
LCS	LCS Runner	2	63	--	--	57.3	
PlainsGold	Guardian	2	63	57	--	59.0	
Westbred	WB4401	1	62	44	--	53.3	
Croplan	CP72166AX	1	61	--	--	57.5	
AGSECO	AG Radical	1	61	41	--	55.6	
OGI	OK Corral	2	61	48	--	53.6	
AgriPro	AP Prolific	1	61	--	--	55.9	
AgriMAXX	AM Cartwright	4	60	50	44	55.7	
AGSECO	AG Icon	1	60	48	48	56.5	
OGI	Strad CL+	1	60	53	--	56.4	
OGI	Skydance	2	59	43	47	59.1	
OGI	Green Hammer	2	59	45	45	57.6	
OGI	Uncharted	2	59	49	51	56.4	
AgriPro	SY Achieve CL2	1	57	36	39	57.9	
OGI	Doublestop CL+	2	57	56	57	59.3	
LCS	LCS Chrome	1	55	54	49	56.0	
OGI	Big Country	1	47	53	55	55.7	
Experimentals							
	OK15MASBx7 ARS 8-29	2	69	--	--	55.8	
	OK15DMASBx7 ARS 6-8	1	50	--	--	56.9	
Mean		1	63	49	47	56.8	
LSD (0.05)		--	6	9	7	1.1	

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 drought stress during the season and received a few timely rains late winter and in the spring, which enhanced realized yield in this particular environment relative to the statewide yield average. There were no diseases observed in this trial. Lodging is reported on a 1 to 5 scale, with 1 indicating no lodging. In 2020, there were no harvest results from this location due to late-spring freeze damage. Thus, the 3-year average represent results from 2019, 2021, and 2022 harvest years. Double-dashes"--" = data not available.