



Kingfisher Wheat Variety Trial

wheat.okstate.edu

Cooperator: LJ Rehman

Extension Educator: Bryan Kennedy

Planting & harvest dates: 12/04/2024 & 6/29/2025

Previous crop: Wheat

Management: Grain-only, no-till

Soil Type: Renfrow clay loam

Seeding rate: 60 lbs/acre

Soil test: pH= 5.6, N= 9, P= 31, K= 329

Nitrogen: 6 lbs/ac as 10-34-0 at planting and 70 lbs/ac on 04/01/25 as urea with urease inhibitor

Fungicide: none

Licensee	Variety	Grain Yield		Test Weight	Protein	Lodging	Brackling	Tan Spot
		2024-2025	2-Year					
		----- bu/ac -----		-- lb/bu --	-- % --	score	score	score
KWA	KS Bill Snyder	45a	--	55.1a	14.2	1	0	1
KWA	KS Providence	42a	45a	51.4	14.7	2	0	2
KWA	KS Mako	42a	--	54.3	14.6	0	0	2
OGI	Green Hammer	40a	46a	53.7	15.7a	1	0	1
LCS	LCS Radar	40a	--	52.7	15.1	1	1	1
OGI	Orange Blossom CL+	39a	47a	55.9a	15.2	0	0	1
LCS	LCS Helix AX	39a	44a	55.5a	13.7	3	0	2
OGI	Doublestop CL+	39a	44a	55.4a	16.1a	1	0	3
AgriPro	AP24 AX	38a	--	53.1	13.6	2	2	2
LCS	LCS Steel AX	38a	--	52.2	14.4	1	0	2
OGI	Showdown	37	44a	53.1	14.4	1	0	3
Westbred	WB4422	37	36	53.9	14.7	0	0	1
LCS	LCS Aries	37	--	53.7	13.5	2	0	2
AgriPro	AP Sunbird	36	--	54.1	13.8	2	0	4
OGI	High Cotton	35	45a	54.4	14.6	1	2	2
LCS	LCS Atomic AX	34	42a	53.4	13.9	1	0	2
LCS	LCS Runner	33	--	54.1	13.9	0	3	2
LCS	LCS Warbird AX	33	--	54.0	14.7	2	3	3
AGSECO	AG Golden	33	40a	49.9	14.2	0	0	2
Croplan	CP7017AX	32	34	52.1	14.0	1	0	3
AGSECO	AG Radical	32	--	50.7	14.6	1	0	2
OGI	Firebox	31	42a	53.9	15.5a	0	3	2
PlainsGold	Crescent AX	31	38	54.2	13.5	2	4	3
Westbred	WB4445CLP	30	--	52.8	14.6	1	0	4
OGI	Strad CL+	29	42a	54.9a	15.8a	0	3	3
Armor	AR Iron Eagle 22AX	29	--	52.8	14.0	1	0	3
OGI	OK Corral	28	41a	51.7	15.8a	1	2	3
PlainsGold	Kivari AX	28	--	52.7	13.3	3	4	3
Croplan	CP7869	23	--	49.8	15.3a	0	3	2
PlainsGold	Sheridan	23	--	52.0	13.9	0	3	2
Westbred	WB4792	22	35	54.1	13.9	0	2	3
OGI	Smith's Gold	22	34	53.0	15.1	1	3	2
Westbred	WB4347	21	--	52.7	14.7	2	3	4
Armor	AR Turret 25	21	--	49.4	15.6a	0	3	3
OGI	Gallagher	21	36	50.7	15.5a	2	0	3
OGI	Paradox	19	35	48.5	15.7a	1	0	4
PlainsGold	Canvas	17	34	49.6	15.0	0	4	4
Experimentals								
PlainsGold	CO18042RA	32	--	53.5	13.8	2	4	3
OSU	OK20708	31	41a	52.5	15.2	1	0	3
OSU	OK21DTR1705-91	28	--	50.5	15.8a	1	3	4
Mean		32	40	52.8	14.6	1	1	3
LSD (0.05)		7	7	1.4	0.8	--	--	--

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Lodging data was collected at harvest. it was rated on a scale from 0 to 5, where 0 indicates no lodging and 5 indicates severe lodging across the entire plot. Brackling data was collected at harvest, it was rated on a scale from 0 to 5, where 0 indicates no brackling and 5 indicates severe brackling across the entire plot. Tan spot rating was collected on 05/25/2025, it was rated on a scale from 0 to 5, where 0 indicates no presence of the disease and 5 indicates severe tan spot infestation across the entire plot. ^a: Shaded values are not statistically different from the highest value within a column. Double-dashes "---" = data not available.