



Walters Dual-Purpose Wheat Variety Trial

Wheat.okstate.edu

Cooperator: Jimmy Kinder
Planting & Harvest Dates: 09/25/2023 & 06/07/2024
Management: Dual-purpose
Tillage: No-till

Extension Educator: Kimbreley Davis
Previous Crop: Wheat
Soil Type: Foard Silt Loam
Soil Test: pH=7.5, N=27, P=33, K=323

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2023-24 <i>dual purpose</i>	2022-23 <i>grain-only</i>	2021-22 <i>dual purpose</i>	2023-24	2023-24
		-----bu/ac-----			-- lb/bu --	-- % --
OGI	Showdown	34	50	23	57.4	10.4
OGI	Paradox	28	—	—	57.7	10.3
OGI	Doublestop CL+	27	45	22	57.8	13.0
PlainsGold	Canvas	27	46	22	57.2	10.1
Westbred	WB4792	26	40	21	59.2	10.7
LCS	LCS Steel AX	26	—	—	55.8	10.0
OGI	Breadbox	25	—	—	57.3	10.2
OGI	Firebox	25	—	—	58.4	11.8
OGI	High Cotton	25	41	—	59.3	11.0
OGI	Smith's Gold	25	41	20	57.9	11.1
OGI	Iba	25	41	—	57.7	11.1
AGSECO	AG Golden	25	46	—	54.6	10.1
OGI	Gallagher	24	41	19	58.0	10.7
OGI	Strad CL+	24	36	19	58.2	12.6
Westbred	WB4422	24	46	—	56.1	10.5
KWA	KS Providence	24	—	—	56.4	11.5
OGI	Uncharted	24	38	18	58.2	11.7
OGI	Green Hammer	23	44	15	58.8	12.5
AgriPro	AP Roadrunner	23	—	20	55.2	10.6
LCS	LCS Atomic AX	21	45	22	56.8	10.7
LCS	LCS Julep	21	—	—	57.4	11.4
AGSECO	AG Radical	20	46	22	53.4	11.5
Westbred	WB4401	18	43	11	54.6	10.7
PlainsGold	Crescent AX	14	45	—	57.5	10.5
Experimentals						
OSU	OK16107133-19-3	26	41	—	56.9	12.5
OSU	OK16107133-19-4	28	—	—	56.3	12.3
OSU	OK198417C	29	—	—	58.5	12.0
OSU	OK20708	27	—	—	58.3	11.0
Mean		25	42	20	57.2	11.2
LSD (0.05)		4	8	3	1.7	0.4

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Plots were grazed from 11/11/23 to 02/26/24 at an stocking rate of 185 pounds of animal BW per acre. The trial received over 2" rainfall between harvest maturity and the time it could be harvested, thus driving down test weight. Stripe rust fungal disease was observed at moderate to severe pressure in the season. Due to the drought, plots were not grazed during the 2022-2023 growing season. Therefore, data from previous years were not be combined with the current year to provide long-term averages. There was no harvest data for OK Corral due to deer damage. Em Dash "—" = data not available."