



Buffalo Wheat Variety Trial

wheat.okstate.edu

Cooperator: NRCS

Extension Educator: Darrell McBee

Planting & harvest dates: 10/13/16 & 6/13/17

Previous crop: Wheat

Management: Grain-only

Soil type: St. Paul silt loam

Tillage: No-till

Soil test: pH = 6.8, P = 58, K = 518

Source	Variety	Grain Yield			Test Weight
		2016-17	2-Year	3-Year	2016-17
		-----bu/ac-----			---lb/bu---
KWA	Joe	89	-	-	62.3
OGI	Doublestop CL Plus	84	78	72	62.9
PlainsGold	Avery	84	77	-	59.1
OGI	Iba	82	80	74	61.3
WestBred	WB-Grainfield	81	84	-	59.8
WestBred	Winterhawk	76	77	74	60.9
LCS	LCS Chrome	76	-	-	59.8
PlainsGold	Brawl CL Plus	76	78	73	60.3
OGI	Duster	75	74	69	61.0
LCS	LCS Pistol	75	70	67	59.4
PlainsGold	Langin	75	-	-	58.5
OGI	Bentley	75	79	74	59.6
OGI	Ruby Lee	74	66	60	60.2
PlainsGold	Byrd	74	78	74	59.0
Syngenta	SY Monument	73	77	-	59.8
Watley	TAM 112	72	65	61	60.8
LCS	LCS Mint	71	71	68	61.9
OSU	Endurance	67	71	68	59.9
OGI	Gallagher	66	66	60	60.7
Mean		76	74	69	60.4
LSD _(0.05)		12	7	5	1.1

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Drought conditions present from October through mid-January. Prior to planting, 0.3" of precipitation fell on 10/9/16, and only 0.9" was received from planting until mid-January. This resulted in suboptimal stands for some varieties, and as a result, six varieties were not included in the analysis: Larry, Lonerider (OK12DP22002-042), OK12716R/W, TAM 204, Tatanka, and WB-Cedar. All plots received 1 pint/ac Yuma 4E on 3/9/17. Very low disease pressure present throughout grain fill.