

Buffalo Wheat Variety Trial



wheat.okstate.edu

Cooperator: NRCS

Extension Educator: Darrell McBee

Planting & harvest dates: 10/16/17 & 6/8/18

Previous crop: Fallow

Management: Grain-only

Soil type: St. Paul silt loam

Tillage: No-till

Soil test: pH = 7.6, P = 37, K = 550

Licensee	Variety	Grain Yield			Test Weight
		2017-18	2-Year [†]	3-Year	2017-18
		-----bu/ac-----			---lb/bu---
OGI	Bentley	37	56	65	58.8
KWA	Joe	36	62	-	60.3
LCS	LCS Chrome	35	56	-	57.9
WestBred	Winterhawk	34	56	63	60.6
WestBred	WB4721	34	-	-	57.9
PlainsGold	Langin	34	54	-	59.1
KWA	Oakley CL	32	-	-	57.6
AgriPro	SY Rugged	32	-	-	58.2
OGI	Iba	31	56	64	57.6
KWA	Larry	29	-	-	58.6
OGI	Doublestop CL Plus	28	56	62	59.5
OGI	Lonerider	27	-	-	56.0
OGI	Smith's Gold	27	-	-	58.7
OGI	Gallagher	27	46	52	57.6
AGSECO	TAM 114	26	-	-	58.2
AgriPro	SY Grit	26	-	-	56.5
Experimentals					
	OK14P212	39	-	-	59.5
	OK12716	33	-	-	57.8
	OK168513	31	-	-	57.4
	OCW05S616T-2	28	-	-	57.5
	OK12206-2	28	-	-	55.6
	OK13621	24	-	-	58.8
Mean		31	55	61	58.2
LSD _(0.05)		7	8	6	1.6

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Drought conditions persisted through much of the growing season. Low foliar disease pressure during grain-fill. T158, TAM 112, and TAM 204 were removed from the analysis due to too few usable observations from suboptimal stand establishment.

† P-value = 0.0594.