



Afton Wheat Variety Trial

wheat.okstate.edu

Cooperator: Greg Leonard

Extension Educator: Courtney May

Planting & harvest dates: 10/4/16 & 6/9/17

Previous crop: Corn

Management: Grain-only

Soil type: Parsons silt loam

Tillage: Minimum-till

Soil test: pH = 6.1, P = 39, K = 147

Source	Variety	Grain Yield			Test Weight	Lodging
		2016-17	2-Year	3-Year	2016-17	2016-17
		-----bu/ac-----			--lb/bu--	1 - 5
Syngenta	SY Benefit [†]	44	-	-	55.4	3
OGI	Ruby Lee	41	42	53	56.9	3
WestBred	WB-Cedar	36	34	45	55.0	3
OGI	Lonerider [‡]	35	-	-	53.2	2
Syngenta	SY Flint	35	36	-	55.5	3
Syngenta	SY Monument	33	-	-	54.5	1
OGI	Iba	33	38	44	54.2	4
OGI	Duster	33	38	44	52.9	5
OGI	Bentley	32	37	45	53.9	2
OGI	Billings	32	39	51	53.8	3
OSU	Endurance	32	37	46	55.3	2
OGI	Gallagher	32	38	47	53.8	3
WestBred	WB4458	31	31	46	53.9	1
WestBred	WB-Grainfield	31	37	-	52.8	1
LCS	LCS Pistol	30	36	43	54.6	1
Watley	TAM 204	30	38	-	53.9	1
KWA	Tatanka	30	-	-	55.3	3
Syngenta	SY Llano	30	32	-	56.0	2
OGI	Doublestop CL Plus	29	34	45	56.3	1
LCS	LCS Mint	28	-	-	53.9	2
KWA	Joe	26	-	-	54.3	2
KWA	Larry	24	-	-	54.9	1
LCS	LCS Chrome	20	-	-	53.7	1
Experimentals						
	OK12621	46	-	-	57.1	1
	OK12D22004-016	38	-	-	55.8	1
	OK12206-2	37	-	-	55.7	1
	OK13209	31	-	-	55.3	2
	OK12716R/W	29	-	-	53.6	1
	OK14319	28	-	-	55.3	1
	OK12D22002-077	24	-	-	54.2	2
	Mean	32	36	46	54.7	2
	LSD _(0.05)	6	5	5	2.1	

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Low to moderate leaf rust pressure during grain fill. Fusarium head blight also present during grain fill.

[†] Variety entered into the 2016-17 trials as experimental line: SY Benefit = 06BC362-8.

[‡] Variety tested and reported as an experimental line in previous trial(s): Lonerider = OK12DP22002-042.