

# Afton Wheat Variety Trial



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Planting & harvest dates: 10/20/17 & 6/8/18

Previous crop: Corn

Management: Grain-only

Soil type: Taloka silt loam

Tillage: Conventional

Soil test: pH = 7.2, P = 68, K = 236

Licensee	Variety	Grain Yield			Test Weight
		2017-18	2-Year	3-Year	2017-18
		-----bu/ac-----			---lb/bu---
WestBred	WB4269	57	-	-	59.2
OGI	Ruby Lee	51	46	45	59.9
OGI	Stardust	50	-	-	58.9
OGI	Smith's Gold	47	-	-	58.1
OGI	Doublestop CL Plus	46	38	38	62.4
KWA	Joe	45	36	-	59.3
AgriPro	SY Monument	45	39	-	57.6
LCS	T158	44	-	-	59.3
KWA	Zenda	42	-	-	59.5
KWA	Everest	42	-	-	60.7
AgriPro	SY Benefit	40	42	-	59.7
Watley	TAM 204	38	35	38	51.8
LCS	LCS Chrome	37	29	-	57.7
WestBred	WB-Grainfield	37	34	37	58.1
LCS	LCS Mint	36	32	-	58.2
WestBred	WB4515	35	-	-	57.7
WestBred	WB4458	34	33	32	57.2
AgriPro	SY Flint	33	34	35	59.4
OGI	Lonerider	33	34	-	55.1
OGI	Duster	29	31	35	56.3
OGI	Bentley	29	30	34	52.6
LCS	LCS Pistol	28	29	33	56.7
WestBred	WB4303	19	-	-	52.3
<b>Experimentals</b>					
	OK14438	57	-	-	60.4
	OK12D22004-016	51	45	-	60.9
	OCW04S717T-6W	49	-	-	55.8
	OK14319	45	37	-	56.9
	OCW05S616T-2	43	-	-	61.4
	OK12206-2	41	39	-	56.9
	OCW03S580S-8F	36	-	-	55.2
Mean		41	36	36	57.8
LSD <sub>(0.05)</sub>		7	6	5	1.4

**Notes:** Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Extremely low levels of Fusarium head blight were present. However, severe Septoria leaf blotch and moderate to severe levels of powdery mildew were present during grain-fill. Gallagher and Iba were removed from the analysis due to poor stand establishment.