



Kingfisher Wheat Variety Trial

wheat.okstate.edu

Cooperator: Tary Helt

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Planting & harvest dates: 10/3/17 & 6/5/18

Previous crop: Wheat

Management: Grain-only

Soil type: Tillman silt loam

Tillage: Conventional

Soil test: pH = 6.2, P = 38, K = 360

Licensee	Variety	Grain Yield		Test Weight
		2017-18	2-Year	2017-18
		-----bu/ac-----		----lb/bu----
OGI	Bentley	20	20	59.1
OGI	Ruby Lee	18	19	59.6
OGI	Gallagher	14	19	58.2
LCS	LCS Pistol	14	19	58.4
LCS	LCS Chrome	13	22	55.3
OGI	Iba	13	17	59.5
LCS	LCS Mint	13	18	58.2
OGI	Duster	13	19	58.7
LCS	T158	12	-	58.2
Watley	TAM 204	12	18	55.4
KWA	Larry	11	14	57.6
AgriPro	SY Monument	11	17	58.1
OGI	Smith's Gold	10	17	60.1
AgriPro	SY Rugged	10	-	58.3
WestBred	WB-Grainfield	10	17	58.6
AgriPro	SY Achieve CL2	10	-	60.0
WestBred	WB4515	9	-	59.0
KWA	Joe	9	15	58.9
AgriPro	SY Benefit	9	-	58.7
AgriPro	SY Flint	8	15	58.6
OGI	Lonerider	8	-	56.9
OGI	Doublestop CL Plus	8	15	58.9
WestBred	WB4303	8	-	57.3
WestBred	WB4458	7	11	58.1
AgriPro	SY Grit	6	-	56.8
Experimentals				
	OK12D22004-016	11	-	59.7
	OK12716	10	19	57.6
	OK13209	9	13	58.8
	OK13621	8	-	59.7
	OK14319	7	-	58.9
	OCW05S616T-2	7	-	57.6
	OK12206-2	7	-	55.7
	OCW04S717T-6W	5	-	58.2
	Mean	10	17	58.3
	LSD _(0.05)	3	4	1.2

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Drought conditions persisted throughout much of the growing season. This, coupled with freeze injury sustained during early April, resulted in sloughed tillers. Low foliar disease pressure observed during grain-fill, but Fusarium foot rot was present throughout the trial during the latter part of grain-fill.