



Kingfisher Wheat Variety Trial

wheat.okstate.edu

Cooperator: Mueggenborg Family

Extension Educator: Zack Meyer

Planting & harvest dates: 10/3/16 & 6/6/17

Previous crop: Wheat

Management: Grain-only

Soil type: Tillman silt loam

Tillage: Conventional

Soil test: pH = 6.2, P = 72, K = 422

Source	Variety	2016-17	
		Grain Yield ---bu/ac---	Broken Stems 0 - 10
LCS	LCS Chrome	32	1
WestBred	WB-Grainfield	26	4
OGI	Duster	26	3
Watley	TAM 204	25	3
OGI	Smith's Gold [†]	25	2
OGI	Gallagher	24	2
Syngenta	SY Monument	23	2
WestBred	WB-Cedar	23	1
OGI	Doublestop CL Plus	23	2
Syngenta	SY Flint	22	2
OGI	Iba	21	2
OGI	Bentley	20	3
OSU	Endurance	19	3
OGI	Ruby Lee	19	2
OGI	Billings	18	4
Syngenta	SY Llano	18	2
KWA	Larry	17	2
WestBred	WB4458	16	3
Experimentals			
	OK12716R/W	27	3
	OK12912C-2	21	3
	OK12D22002-077	18	1
	OK13209	17	2
Mean		22	2
LSD _(0.05)		5	

Notes: Shaded values are not statistically different from the highest value within a column. Grain samples were too small to collect a sufficient number of test weight samples for analyzing and reporting. Data for varieties Joe, LCS Mint, LCS Pistol, and Tatanka were not reported as the coefficient of variation (c.v.) exceeded 30. Broken stems were rated on a 0 - 10 scale with 0 representing no broken stems and 10 representing complete stem breakage. Broken stems were the result of Hessian fly, Fusarium foot rot, and hail injury during the spring. A storm with hail occurred on 5/11/17. Limited seed shattering (<10%) due to hail injury was observed. Moderate to severe leaf rust pressure was present during grain fill.

† Variety tested and reported as an experimental line in previous trial(s): Smith's Gold = OK11D25056.