



Thomas Wheat Variety Trial

wheat.okstate.edu

Cooperator: Keith Miller

Extension Educator: Ron Wright

Planting & harvest dates: 10/12/16 & 6/12/17

Previous crop: Wheat

Management: Grain-only

Soil type: Pond Creek silt loam

Tillage: Conventional

Soil test: pH = 5.4, P = 106, K = 536

Source	Variety	Shatter	Grain Yield			Test Weight	Lodging
			2016-17	2-Year	3-Year	2016-17	2016-17
		0 - 10	-----bu/ac-----			---lb/bu---	1 - 5
OGI	Lonerider [†]	2.0	74	-	-	54.8	1
OGI	Gallagher	2.0	71	73	62	56.8	3
KWA	Joe	2.0	68	-	-	55.6	1
OGI	Billings	1.5	66	67	57	57.5	3
Syngenta	SY Monument	1.8	65	-	-	55.1	2
OGI	Iba	2.0	65	68	55	56.4	2
OGI	Smith's Gold [†]	1.8	64	70	-	57.4	2
WestBred	WB-Cedar	1.8	63	57	51	56.6	2
OGI	Duster	1.5	63	64	51	54.1	4
LCS	LCS Chrome	1.8	61	-	-	54.0	1
WestBred	WB-Grainfield	1.8	60	67	-	53.5	2
OGI	Doublestop CL Plus	1.3	58	62	54	57.6	1
OGI	Bentley	2.0	58	70	60	52.6	1
KWA	Tatanka	1.8	57	-	-	55.9	3
LCS	LCS Pistol	2.3	56	63	51	55.2	3
OSU	Endurance	2.0	56	63	50	54.5	2
WestBred	WB4458	2.0	54	58	53	55.0	2
LCS	LCS Mint	2.0	54	65	-	55.1	2
OGI	Ruby Lee	2.0	53	53	42	54.1	1
Watley	TAM 204	1.8	53	64	56	50.2	2
Syngenta	SY Llano	2.0	52	45	43	57.7	2
Syngenta	SY Flint	2.0	52	58	-	55.9	3
KWA	Larry	2.0	50	-	-	53.6	2
Experimentals							
	OK12716R/W	2.0	59	-	-	54.1	1
Mean		1.9	60	63	53	55.1	2
LSD (0.05)			7	9	7	1.1	

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Rainfall during early June prevented a timely harvest. As a result, all varieties began to shatter before being harvested. Shattering rated on a 0 - 10 scale with 0 representing no shattering and 10 representing complete shatter loss. Lodging on a scale from 1 - 5 with 1 indicating no lodging. Low to moderate leaf rust pressure during grain fill.

† Variety tested and reported as an experimental line in previous trial(s): Lonerider = OK12DP22002-042; Smith's Gold = OK11D25056.