



Lahoma Regional Wheat Variety Trial

wheat.okstate.edu

Cooperator: North Central Research Station

Ext. Educator: Rick Nelson

Planting & harvest dates: 10/19/16 & 6/9/17
 Management: Grain-only
 Tillage: Conventional

Previous crop: Wheat
 Soil type: Pond Creek silt loam
 Soil test: pH = 5.6, P = 53, K = 407

Source	Variety	Grain Yield			Test Weight	Lodging
		2016-17	2-Year	3-Year	2016-17	2016-17
		-----bu/ac-----			---lb/bu---	1 - 5
AGSECO	Hot Rod	83	-	-	55.9	1
WestBred	WB4269†	78	-	-	55.6	2
KWA	Joe	72	77	-	55.8	2
Syngenta	SY Monument	72	73	70	55.0	1
Syngenta	Bob Dole†	70	-	-	54.1	2
WestBred	WB4303	69	69	-	51.3	1
AGSECO	TAM 114	69	72	69	54.8	1
OGI	Gallagher	67	67	65	54.9	2
WestBred	WB4515	67	66	-	54.2	1
KWA	Zenda	67	74	-	55.0	1
PlainsGold	Brawl CL Plus	66	67	62	53.9	1
AGSECO	AG Robust	65	68	-	55.8	2
AGSECO	AG Icon†	65	-	-	52.9	1
Syngenta	SY Achieve CL2‡	65	-	-	55.5	1
OGI	Ruby Lee	64	58	54	54.4	1
OGI	Smith's Gold‡	64	69	64	53.4	3
WestBred	Winterhawk	64	65	59	54.9	3
WestBred	WB4721	64	71	-	53.3	2
WestBred	WB-Grainfield	64	67	66	51.6	1
WestBred	WB-Cedar	62	65	64	57.1	1
Syngenta	SY Rugged†	62	-	-	52.7	1
OGI	Doublestop CL Plus	62	61	59	58.4	1
OGI	NF 101	62	60	59	55.0	3
PlainsGold	Langin	60	-	-	53.7	1
Syngenta	SY Drifter	60	61	57	55.9	1
WestBred	WB4458	59	66	64	55.5	2
LCS	LCS Chrome	58	69	69	51.5	2
Syngenta	SY Llano	58	61	58	56.1	4
OGI	Iba	56	60	59	55.0	1
Syngenta	SY Flint	56	62	60	54.5	3
LCS	T158	55	61	57	54.0	1
OGI	Billings	54	59	58	56.4	2
Syngenta	SY Grit	54	64	-	48.7	1
KWA	Tatanka	53	63	-	51.7	3
OGI	Bentley	53	61	59	50.1	1
LCS	LCS Wizard	51	51	46	53.7	1
Syngenta	SY Benefit†	51	-	-	53.0	3
OGI	Duster	50	53	50	52.2	1
LCS	LCS Pistol	49	52	50	52.9	1
Watley	TAM 204	49	60	58	45.3	2
OSU	Endurance	48	52	51	49.9	1
PlainsGold	Byrd	48	43	39	50.2	1
Dyna-Gro	Long Branch	45	52	-	47.8	1
OGI	Stardust	45	57	56	49.7	2
KWA	Larry	43	60	-	50.1	3
LCS	LCS Mint	40	52	50	51.5	2
PlainsGold	Avery	37	39	34	48.5	2
Watley	TAM 112	36	40	38	50.7	4
Experimentals						
	OK13209	77	-	-	56.9	1
	OK12912C-2	70	-	-	56.5	1
	OK12D22004-016	69	-	-	55.6	1
	OK13621	68	-	-	55.6	1
	OK12206-2	61	-	-	51.1	1
	OK12716R/W	61	67	-	52.8	1
	OK11755W-9W	52	-	-	52.2	1
	OK12D22002-077	48	-	-	51.4	1
	Mean	59	61	57	53.3	2
	LSD (0.05)	8	7	5	2.1	

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. Severe leaf rust pressure during mid- to late-grain fill.

† Variety entered into the 2016-17 trials as experimental line: AG Icon = KS080448C*-102; Bob Dole = KS061193K-2; SY Achieve CL2 = 07CL041-1; SY Benefit = 06BC362-8; SY Rugged = AP11T2222; WB4269 = H4N12-0038.

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