

Lahoma Regional Fungicide Wheat Variety Trial



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Cooperator: OSU North Central Research Station

Ext. Educator: Rick Nelson

Planting & harvest dates: 10/11/17 & 6/11/18

Previous crop: Wheat

Management: Grain-only, conventional tillage

Soil type: Pond Creek silt loam

Fungicide = 13 fl oz/ac Nexicor at heading on 4/28/18

Soil test: pH = 5.8, P = 72, K = 353

Licensee	Variety	Grain Yield			Test Weight
		2017-18	2-Year	3-Year	2017-18
		-----bu/ac-----			---lb/bu---
WestBred	WB4269	53	71	-	58.5
OGI	Bentley	48	63	71	56.0
OGI	Ruby Lee	47	62	69	58.5
Dyna-Gro	Long Branch	45	56	58	55.3
AGSECO	AG Gallant	42	-	-	58.9
Watley	TAM 112	41	54	64	59.5
PlainsGold	Langin	40	62	-	57.8
WestBred	WB4721	40	61	69	59.6
LCS	T158	39	61	70	58.9
CROPLAN	CP78-26	39	-	-	55.0
LCS	LCS Mint	36	47	61	58.7
KWA	Joe	35	56	68	58.1
OGI	Spirit Rider	35	-	-	59.5
OGI	Gallagher	35	55	63	56.2
OGI	Smith's Gold	34	56	65	57.7
LCS	LCS Avenger	34	-	-	55.1
WestBred	WB4515	33	60	66	58.8
OGI	Doublestop CL Plus	33	49	57	59.1
AgriPro	SY Benefit	32	53	-	57.9
LCS	LCS Pistol	32	52	59	57.8
LCS	LCS Chrome	30	48	60	56.1
KWA	Oakley CL	30	-	-	57.9
KWA	Zenda	30	55	64	58.0
AGSECO	TAM 114	30	59	70	59.4
WestBred	WB4458	29	52	63	57.5
AGSECO	AG Icon	29	48	-	57.5
OGI	Stardust	28	45	57	58.4
WestBred	Winterhawk	28	55	63	58.6
OGI	Iba	27	49	58	58.3
Watley	TAM 204	27	52	63	53.7
OGI	Lonerider	27	-	-	53.7
KWA	Larry	27	52	63	56.8
WestBred	WB4303	27	53	65	53.5
WestBred	WB-Grainfield	27	57	65	57.4
AgriMAXX	AM Eastwood	26	-	-	56.4
AgriPro	SY Rugged	25	50	-	56.5
OGI	Duster	25	44	53	57.0
OGI	NF 101	24	50	55	57.0
AgriPro	SY Achieve CL2	24	53	-	57.1
AgriPro	SY Monument	23	53	63	57.2
AgriPro	SY Flint	21	46	56	58.8
AgriPro	Bob Dole	19	47	-	56.2
AgriPro	SY Grit	19	49	62	53.8
Experimentals					
	OK13209	32	55	-	58.6
	OK13621	31	55	-	58.1
	OK12716	29	53	65	56.8
	OK12D22004-016	25	-	-	56.3
	OCW04S717T-6W	23	-	-	52.3
	OCW05S616T-2	23	-	-	55.9
	OK14319	21	-	-	56.3
	OK12206-2	20	49	-	52.7
Mean		31	54	63	57.1
LSD (0.05)		8	8	6	1.5

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Freeze injury occurred during early April. There was low foliar disease pressure during grain-fill, but Fusarium foot rot (dryland root rot) symptoms began appearing in early May, with sudden and dramatic symptom expression occurring between May 18 and May 21 and persisting throughout the remainder of grain-fill.

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