

Chickasha Regional Wheat Variety Trial



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Cooperator: OSU South Central Res. Station Extension Educator: Shiann Burns

Planting & harvest dates: 10/30/17 & 6/6/18

Previous crop: Austrian winter pea

Soil test: pH = 7.3, P = 148, K = 337

Management: Grain-only, conventional tillage

Soil type: Dale silt loam

Nitrogen: 90 lbs/ac soil test +
9 lbs/ac at planting

Licensee	Variety	Grain Yield			Test Weight	Lodging
		2017-18	2-Year	3-Year	2017-18	2017-18
		-----bu/ac-----			--lb/bu--	1 - 5
AGSECO	TAM 114	67	53	59	61.0	1
OGI	Iba	65	47	52	60.6	1
OGI	Gallagher	64	46	55	60.1	1
OGI	Smith's Gold	63	49	57	59.6	2
OGI	Lonerider	63	-	-	59.1	1
KWA	Larry	63	40	52	60.2	1
WestBred	WB4269	63	51	-	59.2	2
CROPLAN	CP78-26	62	-	-	58.2	1
LCS	T158	61	44	53	59.7	1
OGI	Ruby Lee	60	47	39	61.0	1
WestBred	WB4515	60	46	54	60.3	1
WestBred	Winterhawk	60	45	50	59.9	1
WestBred	WB4458	59	39	50	60.6	1
KWA	Zenda	59	47	55	60.4	1
PlainsGold	Langin	59	-	-	58.8	2
AgriPro	SY Grit	58	39	46	59.1	1
KWA	Joe	58	46	56	57.9	1
OGI	Stardust	57	38	-	59.2	2
AgriPro	Bob Dole	57	48	-	59.2	2
OGI	Spirit Rider	57	-	-	59.7	1
AgriPro	SY Rugged	57	42	-	58.7	1
WestBred	WB-Grainfield	56	43	49	58.5	1
OGI	NF 101	56	46	47	59.9	1
AgriPro	SY Achieve CL2	56	41	-	60.3	2
AgriPro	SY Flint	55	38	50	62.3	1
KWA	Oakley CL	55	-	-	58.1	2
OGI	Doublestop CL Plus	55	44	48	61.4	1
WestBred	WB4721	53	41	49	61.0	1
LCS	LCS Mint	53	34	36	59.1	1
AGSECO	AG Icon	52	41	-	57.4	1
AgriPro	SY Benefit	52	37	-	60.4	1
Watley	TAM 112	52	-	-	58.8	4
AGSECO	AG Gallant	51	-	-	60.2	1
AgriMAXX	AM Eastwood	50	-	-	58.6	1
LCS	LCS Chrome	50	39	51	58.1	1
OGI	Duster	49	44	48	58.5	2
OGI	Bentley	48	33	40	57.2	1
LCS	LCS Avenger	48	-	-	56.1	1
LCS	LCS Pistol	47	37	40	56.8	2
WestBred	WB4303	46	38	46	56.4	1
Watley	TAM 204	40	27	41	53.7	1
Dyna-Gro	Long Branch	35	29	37	53.8	2
Experimentals						
	OCW04S717T-6W	73	-	-	57.9	1
	OK12D22004-016	71	-	-	62.1	1
	OK13621	66	48	-	61.0	1
	OCW05S616T-2	64	-	-	60.6	3
	OK12206-2	62	-	-	57.1	1
	OK13209	55	44	-	60.9	1
	OK12716	51	39	-	58.4	1
	Mean	57	42	49	59.1	1
	LSD (0.05)	10	7	7	1.3	

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Lodging on a 1 - 5 scale with 1 indicating no lodging. Low to moderate stripe and leaf rust and moderate to severe powdery mildew pressure during grain-fill.

Partial financial support provided by the Oklahoma Wheat Commission and the Oklahoma Wheat Research Foundation