



Goodwell Irrigated Regional Wheat Variety Trial

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Cooperator: Oklahoma Panhandle Res. & Ext. Center

Ext. Educator: Katie Hughes

Planting & harvest dates: 10/6/16 & 6/28/17
 Management: Grain-only
 Tillage: Conventional

Previous crop: Fallow
 Soil type: Gruver clay loam
 Soil test: pH = 7.8, P = 17, K = 1,185

Source	Variety	Grain Yield			Test Weight	Lodging
		2016-17	2-Year	3-Year	2016-17	2016-17
		-----bu/ac-----			--lb/bu--	1 - 5
KWA	Zenda	58	71	-	53.7	5
WestBred	WB4458	58	68	76	48.6	3
Watley	TAM 204	57	74	77	49.7	4
LCS	T158	57	66	66	53.5	4
Syngenta	SY Rugged†	55	-	-	47.8	4
OGI	Billings	55	73	71	51.7	4
KWA	Joe	55	74	-	54.1	4
OGI	Lonerider‡	54	75	-	52.0	5
WestBred	Winterhawk	54	69	68	51.5	5
WestBred	WB4269†	53	-	-	54.0	4
OGI	Bentley	52	67	-	51.7	5
KWA	Tatanka	52	69	-	48.0	4
OGI	Duster	52	69	66	50.3	5
Syngenta	SY Drifter	51	70	70	53.1	4
AGSECO	Hot Rod	50	-	-	53.6	4
OGI	Iba	50	71	69	51.1	5
Syngenta	SY Flint	49	69	73	50.2	4
WestBred	WB-Grainfield	49	67	71	53.2	4
KWA	Larry	49	68	-	53.9	5
WestBred	WB4721	49	68	-	51.9	5
Dyna-Gro	Long Branch	48	69	-	50.3	4
LCS	LCS Wizard	48	63	59	52.5	4
LCS	LCS Pistol	48	66	66	51.6	4
PlainsGold	Byrd	47	66	55	52.2	3
WestBred	WB4303	46	63	-	48.0	4
OGI	Smith's Gold‡	46	65	67	54.8	4
OGI	NF 101	46	60	57	51.1	3
WestBred	WB-Cedar	46	60	61	53.5	4
OGI	Doublestop CL Plus	46	56	58	51.3	4
Syngenta	Bob Dole†	45	-	-	52.7	4
OGI	Gallagher	45	66	72	50.7	4
Syngenta	SY Achieve CL2†	45	-	-	53.9	4
PlainsGold	Brawl CL Plus	45	63	64	53.4	4
OGI	Ruby Lee	44	64	60	52.9	5
LCS	LCS Mint	43	65	56	51.8	5
Syngenta	SY Benefit†	43	-	-	49.9	4
AGSECO	AG Icon†	43	-	-	53.2	5
AGSECO	TAM 114	43	65	62	54.9	3
OGI	Stardust	43	-	-	54.1	4
Syngenta	SY Grit	42	62	-	49.6	2
PlainsGold	Langin	42	-	-	54.0	5
OSU	Endurance	42	61	58	54.0	4
LCS	LCS Chrome	42	65	65	53.7	4
WestBred	WB4515	42	60	-	48.9	4
PlainsGold	Avery	41	59	52	52.2	4
AGSECO	AG Robust	41	51	-	53.3	4
Syngenta	SY Monument	40	62	68	52.5	3
OGI	Spirit Rider‡	39	67	68	54.3	5
Watley	TAM 112	38	57	48	55.3	4
Experimentals						
	OK12D22004-016	61	-	-	54.0	4
	OK12206-2	56	-	-	50.2	2
	OK13621	52	-	-	55.9	5
	OK11755W-9W	51	-	-	55.3	4
	OK12716R/W	46	71	-	52.7	3
	OK12D22002-077	46	-	-	52.5	4
	Mean	48	66	64	52.3	4
	LSD _(0.05)	8	9	9	3.0	

Notes: Grain yields adjusted to 12% moisture. Shaded values are not statistically different from the highest value within a column. Lodging on a scale from 1 - 5 with 1 indicating no lodging. A snow event occurred during the last weekend in April. This caused severe lodging and contributed to the lower yield and test weight values.

† 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): Lonerider = OK12DP22002-042; Smith's Gold = OK11D25056; Spirit Rider = OK10126.

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