



Marshall Dual-Purpose Wheat Variety Trial

wheat.okstate.edu

Cooperator: Fuxa Farms

Planting & harvest dates: 9/12/16 & 6/7/17
 Management: Dual-purpose
 Tillage: Conventional

Previous crop: Wheat
 Soil type: Kirkland silt loam
 Soil test: pH = 5.6, P = 62, K = 343

Source	Variety	Canopy Cover [†]		Grain Yield		
		11/15/16	3/1/17	2016-17	2-Year	3-Year
		-----%-----		-----bu/ac-----		
KWA	Joe	73	50	36	-	-
WestBred	WB-Cedar	68	50	34	38	41
Syngenta	SY Monument	81	55	29	41	-
OGI	Smith's Gold [‡]	71	52	28	-	-
OSU	Endurance	81	44	24	38	38
OGI	Duster	77	36	24	37	39
OGI	Gallagher	84	51	22	35	37
WestBred	WB4458	73	50	21	29	31
OGI	Bentley	81	51	20	36	36
OGI	Billings	75	43	20	29	29
OGI	Ruby Lee	80	49	20	24	28
Syngenta	SY Flint	57	41	19	32	-
WestBred	WB-Grainfield	82	44	17	33	-
LCS	LCS Chrome	82	58	16	-	-
Watley	TAM 204	70	48	16	23	-
Syngenta	SY Llano	80	49	14	23	-
KWA	Tatanka	66	50	14	-	-
OGI	Stardust	69	47	14	-	-
LCS	LCS Mint	80	49	14	19	22
LCS	LCS Pistol	65	52	11	26	29
Experimentals						
	OK14319	85	42	28	-	-
	OK12621	81	49	21	36	-
	OK12716R/W	84	47	21	36	-
	OK12206-2	78	44	17	-	-
Mean		76	48	21	32	33
LSD _(0.05)				6	7	5

Notes: Shaded values are not statistically different from the highest value within a column. Grain samples were too small to measure test weight. Plots were grazed from 11/25/16 until Duster reached first hollow stem (2/24/17). Stocking rate was 325 lb/ac. Data for varieties Doublestop CL Plus, Iba, Larry, and OK11D25005 were not reported as the coefficient of variation (c.v.) exceeded 30. Moderate to severe leaf rust pressure during grain fill.

† Canopy cover measurements were collected from each plot using the Canopeo app prior to cattle grazing (11/15/16) and after cattle removal (3/1/17).

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