



# Marshall Dual-purpose Wheat Variety Trial

wheat.okstate.edu

Cooperator: Dean Fuxa

Planting & harvest dates: 9/20/17 & 6/12/18

Previous crop: Wheat

Soil type: Kirkland silt loam

Management: Dual-purpose

Tillage: Conventional

Soil test: pH = 5.7, P = 123, K = 440

Licensee	Variety	Canopy Cover <sup>†</sup>		Grain Yield			Test Weight	Lodging
		11/15/17	3/12/18	2017-18	2-Year	3-Year	2017-18	2017-18
		-----%-----		-----bu/ac-----			---lb/bu---	1 - 5
Dyna-Gro	Long Branch	93	44	19	-	-	49.9	3
WestBred	WB4515	88	39	18	-	-	54.1	3
AgriPro	SY Grit	89	33	18	-	-	53.3	1
LCS	T158	88	40	17	-	-	53.5	2
LCS	LCS Chrome	91	35	16	15	-	51.5	1
KWA	Joe	87	42	16	27	-	54.4	2
WestBred	WB4721	79	37	15	-	-	55.6	2
AGSECO	AG Icon	93	21	15	-	-	54.0	2
OGI	Doublestop CL Plus	91	36	15	-	-	55.0	2
OGI	Iba	82	33	15	-	-	54.1	3
WestBred	WB4269	93	28	15	-	-	56.2	1
AgriPro	SY Rugged	88	32	14	-	-	53.5	4
OGI	Bentley	86	47	14	17	29	53.0	1
Watley	TAM 204	87	29	14	14	20	49.8	1
OGI	Duster	91	31	14	19	30	53.1	2
OGI	Ruby Lee	92	27	13	16	19	56.1	1
AgriPro	Bob Dole	88	34	13	-	-	53.3	1
OGI	Smith's Gold	89	32	12	21	-	52.4	1
OGI	Stardust	89	23	10	12	-	54.5	1
WestBred	WB4303	89	30	9	-	-	53.4	1
OGI	Gallagher	80	31	8	15	27	53.6	1
AgriPro	SY Achieve CL2	89	21	5	-	-	54.8	1
<b>Experimentals</b>								
	OK12716	92	43	17	19	29	52.8	1
	OK14P212	89	31	17	-	-	56.1	1
	OK14319	89	30	14	22	-	54.1	1
	OK12206-2	83	36	11	14	-	49.4	1
	OCW05S616T-2	82	24	10	-	-	54.2	1
	OCW04S717T-6W	78	36	9	-	-	50.6	1
Mean		88	33	14	18	26	53.4	2
LSD (0.05)		8	7	6	5	6	1.6	

**Notes:** Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Plots were grazed from 12/8/17 through 3/8/18 at a stocking rate of 1.12 ac/hd. Cattle were removed when Duster reached first hollow stem (3/8/18). Lodging on a 1 - 5 scale with 1 indicating no lodging. Some freeze injury occurred during early April. Low foliar disease pressure during grain-fill.

† Canopy cover measurements were collected from each plot using the Canopeo app prior to cattle grazing (11/15/17) and after cattle removal (3/12/18).

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