



Marshall Dual-purpose vs. Grain-only Wheat Variety Trial Comparison

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Cooperator: Dean Fuxa

Planting date: 9/20/17 (Dual-purpose) & 10/17/17 (Grain-only)
Harvest date: 6/12/18

Previous crop: Wheat
Tillage: Conventional

Soil type: Kirkland silt loam
Soil test: pH = 5.7, P = 123, K = 440

Licensee	Variety	Grain Yield									Test Weight		
		2017-18			2-Year			3-Year			2017-18		
		Dual-purpose	Grain-only	Diff.	Dual-purpose	Grain-only	Diff.	Dual-purpose	Grain-only	Diff.	Dual-purpose	Grain-only	Diff.
		-----bu/ac-----									-----lb/bu-----		
Dyna-Gro	Long Branch	19	30	-11	-	-	-	-	-	-	49.9	50.5	-0.6
WestBred	WB4515	18	39	-21	-	-	-	-	-	-	54.1	56.5	-2.4
AgriPro	SY Grit	18	36	-18	-	-	-	-	-	-	53.3	55.0	-1.7
LCS	T158	17	35	-18	-	-	-	-	-	-	53.5	55.6	-2.1
LCS	LCS Chrome	16	35	-19	15	34	-19	-	-	-	51.5	51.0	0.5
KWA	Joe	16	38	-22	27	40	-13	-	-	-	54.4	54.1	0.3
WestBred	WB4721	15	35	-20	-	-	-	-	-	-	55.6	56.3	-0.7
AGSECO	AG Icon	15	38	-23	-	-	-	-	-	-	54.0	55.7	-1.7
OGI	Doublestop CL Plus	15	29	-14	-	31	-	-	36	-	55.0	56.0	-1.0
OGI	Iba	15	37	-22	-	38	-	-	45	-	54.1	55.1	-1.0
WestBred	WB4269	15	44	-29	-	-	-	-	-	-	56.2	56.4	-0.2
AgriPro	SY Rugged	14	33	-19	-	-	-	-	-	-	53.5	54.5	-1.0
OGI	Bentley	14	37	-23	17	32	-15	29	39	-10	53.0	54.8	-1.8
Watley	TAM 204	14	40	-26	14	29	-15	20	34	-14	49.8	50.4	-0.6
OGI	Duster	14	37	-23	19	37	-18	30	43	-13	53.1	55.8	-2.7
OGI	Ruby Lee	13	37	-24	16	33	-17	19	30	-11	56.1	55.9	0.2
AgriPro	Bob Dole	13	39	-26	-	-	-	-	-	-	53.3	54.6	-1.3
OGI	Smith's Gold	12	36	-24	21	32	-11	-	-	-	52.4	56.3	-3.9
OGI	Stardust	10	36	-26	12	28	-16	-	-	-	54.5	55.7	-1.2
WestBred	WB4303	9	41	-32	-	-	-	-	-	-	53.4	54.4	-1.0
OGI	Gallagher	8	32	-24	15	31	-16	27	40	-13	53.6	54.9	-1.3
AgriPro	SY Achieve CL2	5	39	-34	-	-	-	-	-	-	54.8	56.9	-2.1
	Experimentals												
	OK12716	17	32	-15	19	30	-11	29	39	-10	52.8	52.2	0.6
	OK14P212	17	40	-23	-	-	-	-	-	-	56.1	57.2	-1.1
	OK14319	14	39	-25	22	40	-18	-	-	-	54.1	56.3	-2.2
	OK12206-2	11	32	-21	14	30	-16	-	-	-	49.4	50.5	-1.1
	OCW05S616T-2	10	39	-29	-	-	-	-	-	-	54.2	56.4	-2.2
	OCW04S717T-6W	9	34	-25	-	-	-	-	-	-	50.6	50.9	-0.3
	Mean	14	36	-22	18	33	-15	26	38	-12	53.4	54.6	-1.2
	LSD (0.05)	6	5	5	5	6	7	6	7	8	1.6	1.8	1.9

Notes: Grain yields adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Boldfaced values in the "Diff." column represent a statistical difference between the dual-purpose vs. grain-only averages for that variety. 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). Some freeze injury occurred during early April. Low foliar disease pressure during grain-fill.