

## Marshall Grain Only vs. Dual Purpose Comparison

**Cooperator: Fuxa Farms**      **Tillage: Conventional Till**      **Previous crop: Wheat**      **Soil type: Kirkland silt loam**  
**Planting date: 09-14-10 (Dual Purpose) & 10-20-10 (Grain Only)**      **Harvest date: 06-02-11**      **Soil test: pH = 4.7, P = 100, K = 375**

Source	Variety	Grain Yield*									Test Weight			
		2010 - 2011			2-Year			3-Year			2010 - 2011			
		Grain Only	Dual Purpose	<i>Diff.</i>	Grain Only	Dual Purpose	<i>Diff.</i>	Grain Only	Dual Purpose	<i>Diff.</i>	Grain Only	Dual Purpose	<i>Diff.</i>	
-----bu/ac-----												-----lb/bu-----		
OSU	Endurance	30	24	-6	35	39	4	33	27	-6	59.7	58.8	-0.9	
KSU	Everest	30	24	-6	-	-	-	-	-	-	60.3	58.4	-1.9	
TAMU	TAM 203	24	24	0	27	34	7	28	26	-2	57.1	57.1	0.0	
WestBred	WB-Cedar	29	24	-5	-	-	-	-	-	-	59.2	58.9	-0.3	
OSU	Duster	32	23	-9	39	40	1	36	31	-5	60.5	59.6	-0.9	
AgriPro	Doans	27	21	-6	31	37	6	30	29	-1	60.3	59.8	-0.5	
KSU	Fuller	32	20	-12	35	34	-1	30	26	-4	60.0	58.1	-1.8	
AgriPro	Greer	30	20	-10	32	30	-2	-	-	-	56.8	55.8	-1.0	
OSU	Deliver	26	19	-7	29	29	0	26	21	-5	60.1	60.0	-0.2	
AgriPro	Jackpot	32	19	-13	36	32	-4	29	23	-6	60.0	58.7	-1.3	
KSU	Jagger	32	19	-13	29	29	0	23	21	-2	58.2	56.7	-1.5	
OSU	Centerfield	31	16	-15	33	33	0	30	24	-6	57.7	58.1	0.4	
OSU	OK Bullet	26	15	-11	29	29	0	25	22	-3	59.8	58.9	-0.9	
WestBred	Santa Fe	26	15	-11	31	31	0	29	23	-6	59.9	58.3	-1.6	
OSU	Billings	29	14	-15	34	29	-5	28	21	-7	59.4	58.3	-1.0	
KSU	Overley	31	14	-17	32	27	-5	25	19	-6	60.1	59.0	-1.1	
OSU	Pete	29	14	-15	32	31	-1	26	22	-4	60.7	59.7	-1.0	
TAMU	TAM 401	30	14	-16	35	28	-7	-	-	-	57.3	56.9	-0.5	
WestBred	WB-Stout	26	14	-12	-	-	-	-	-	-	56.9	56.8	-0.1	
WestBred	Armour	33	13	-20	-	-	-	-	-	-	59.5	57.6	-1.8	
OSU	Garrison	30	13	-17	36	24	-12	-	-	-	59.8	57.8	-1.9	
WestBred	Shocker	27	13	-14	33	33	0	28	26	-2	58.2	57.7	-0.5	
	Mean	29	18	-11	33	32	-1	28	24	-4	59.2	58.2	-0.9	
	LSD <sub>(0.05)</sub>		5			4			3			0.7		

**Notes:** \*A hail storm on 23 May 2011 caused severe lodging and shattering. Yield losses were estimated to be 40 - 60%. Additionally, the 2010-11 grain yield was affected by severe, season-long drought.