

Marshall Dual Purpose Wheat Variety Trial

Cooperator: Fuxa Farms Soil type: Kirkland silt loam Planting date: 09-14-10 Harvest date: 06-02-11	Tillage: Conventional till Management: Dual purpose Previous crop: Wheat Soil test: pH = 4.7, P = 100, K = 375
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Source	Variety	Grain Yield*	Leaf Area**		Grain Yield		Test Weight
		2010-11	12/10/10	2/18/11	2-Year	3-Year	2010-11
		--bu/ac--			-----bu/ac-----		----lb/bu----
OSU	Endurance	24	65%	58%	39	27	58.8
KSU	Everest	24	58%	48%	-	-	58.4
TAMU	TAM 203	24	75%	73%	34	26	57.1
WestBred	WB-Cedar	24	70%	65%	-	-	58.9
OSU	Duster	23	60%	48%	40	31	59.6
AgriPro	Doans	21	58%	58%	37	29	59.8
KSU	Fuller	20	80%	83%	34	26	58.1
AgriPro	Greer	20	75%	50%	30	-	55.8
OSU	Deliver	19	33%	45%	29	21	60.0
AgriPro	Jackpot	19	53%	50%	32	23	58.7
KSU	Jagger	19	80%	78%	29	21	56.7
OSU	Centerfield	16	15%	23%	33	24	58.1
OSU	OK Bullet	15	30%	48%	29	22	58.9
WestBred	Santa Fe	15	70%	80%	31	23	58.3
OSU	Billings	14	38%	38%	29	21	58.3
KSU	Overley	14	33%	35%	27	19	59.0
OSU	Pete	14	55%	38%	31	22	59.7
TAMU	TAM 401	14	73%	53%	28	-	56.9
WestBred	WB-Stout	14	53%	63%	-	-	56.8
WestBred	Armour	13	45%	43%	-	-	57.6
OSU	Garrison	13	40%	45%	24	-	57.8
WestBred	Shocker	13	18%	15%	33	26	57.7
Experimentals							
	OK07209	22	63%	53%	-	-	60.2
	Mean	18	54%	51%	32	24	58.3
	LSD _(0.05)	4	17%	6%	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.

** Leaf area values are visual estimations of percent ground cover and are representative of preferential grazing by cattle as well as forage growth and recovery