

2011 Durum Variety Trial at Regent

Cooperators: August and Perry Kirschmann, Regent

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield			
	Height	Weight	Protein	2009	2010	2011	2 yr	3 yr		
	inches	lbs/bu	%	----- Bushels per acre -----						
Grenora	30	54.2	15.2	66.1	48.7	25.6	37.2	46.8		
Mountrail	31	55.2	14.7	64.5	47.6	26.3	37.0	46.1		
Tioga	34	55.8	14.6	63.8	48.7	23.7	36.2	45.4		
Alkabo	31	57.0	14.3	62.3	45.9	26.9	36.4	45.0		
Divide	34	56.1	14.8	60.7	45.8	26.9	36.4	44.5		
Maier	30	55.3	15.2			25.6				
Trial Mean	32	55.8	14.7	63.2	47.4	27.3	--	--		
C.V. %	3.4	1.8	1.9	4.3	4.8	6.9	--	--		
LSD 5%	2	1.5	0.4	NS	NS	2.8	--	--		
LSD 1%	2	NS	0.6	NS	NS	3.8	--	--		

NS = no statistical difference between varieties.

Planting Date: May 5

Harvest Date: August 23

Seeding Rate: 1.25 million live seeds / acre (approx. 2.2 bu/A).

Previous Crop: 2008, 2009 & 2010 = HRSW.

Note: The 2011 trial sustained heat stress and a moderate infection of bacterial leaf streak causing lower test weights and grain yields.