

**2011 Durum Variety Trial at Scranton**

Cooperator: Justin Freitag, Scranton

Variety	Plant Height inches	Test Weight lbs/bu	Grain Protein %	Grain Yield			Average Yield	
				2009	2010	2011	2 yr	3 yr
				----- Bushels per acre -----				
Grenora	33	53.8	15.8	68.3	54.0	31.9	43.0	51.4
Mountrail	33	55.4	15.8	63.6	51.1	33.5	42.3	49.4
Alkabo	34	56.8	15.7	62.4	49.9	31.4	40.6	47.9
Tioga	36	56.7	15.5	59.7	50.5	32.9	41.7	47.7
Divide	34	56.4	16.2	63.9	44.9	32.1	38.5	47.0
Maier	34	55.5	16.2			32.1		
Trial Mean	34	55.7	15.8	62.8	50.3	32.3	--	--
C.V. %	4.3	1.6	1.2	3.1	4.0	4.1	--	--
LSD 5%	2	1.4	0.3	2.9	3.0	NS	--	--
LSD 1%	NS	1.8	0.4	4.0	4.2	NS	--	--

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.