

**2010 Durum Variety Trial - Continuously Cropped - No-till at Mandan**

Cooperator: USDA-ARS, Mandan

Variety	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			<u>Average Yield</u>		
	inches	lbs/bu	%	2008	2009	2010	2 yr	3 yr	
				----- Bushels per acre -----					
Grenora	37	55.5	13.5	57.7	68.1	71.7	69.9	65.8	
Alkabo	37	57.3	13.1	60.2	70.2	67.1	68.6	65.8	
Divide	38	57.2	14.3	55.8	69.6	69.2	69.4	64.9	
Mountrail	39	56.0	13.4	56.9	63.0	70.0	66.5	63.3	
Tioga	40	56.6	13.8		66.8	65.6	66.2		
Trial Mean	39	56.8	13.7	57.1	67.1	68.8	--	--	
C.V. %	2.0	0.8	2.8	6.0	4.2	4.1	--	--	
LSD .05	1	0.7	0.6	NS	4.3	NS	--	--	
LSD .01	2	0.9	0.8	NS	5.9	NS	--	--	

Planting Date: April 22

Harvest Date: August 16

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

Previous Crop: 2007& 2008 = hrsw, 2009 = field pea.