

2010 Durum Variety Trial - Continuously Cropped - No-till at Scranton

Cooperators: Neal and Justin Freitag, Scranton

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	29	54.5	13.6	18.3	68.3	54.0	61.2	46.9	
Mountrail	29	54.9	13.9	16.6	63.6	51.1	57.4	43.8	
Alkabo	29	57.2	13.4	17.9	62.4	49.9	56.2	43.4	
Divide	31	55.8	14.0	17.8	63.9	44.9	54.4	42.2	
Tioga	33	56.2	13.9		59.7	50.5	55.1		
Trial Mean	30	55.8	13.8	17.6	62.8	50.3	--	--	
C.V. %	3.5	1.0	2.7	16.2	3.1	4.0	--	--	
LSD .05	2	0.9	NS	NS	2.9	3.0	--	--	
LSD .01	2	1.2	NS	NS	4.0	4.2	--	--	

NS = no statistical difference between varieties.

Planting Date: April 21

Harvest Date: August 17

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

Previous Crop: 2007, 2008 & 2009 = hrsw.

Note: The 2008 trial sustained severe heat and moisture stress.