

2009 Durum Variety Trial - Continuously Cropped - No-till Scranton

Cooperators: Neal and Justin Freitag, Scranton

Variety	Plant Height	Test Weight	Grain Protein	---- Grain Yield ----			<u>Average Yield</u>		
	inches	lbs/bu	%	2007	2008	2009	2 yr	3 yr	
				----- Bushels per acre -----					
Divide	37	61.6	10.9	28.4	17.8	63.9	40.8	36.7	
Alkabo	38	61.5	11.6	26.7	17.9	62.4	40.2	35.7	
Grenora	41	61.2	10.8	18.2	18.3	68.3	43.3	34.9	
Mountrail	37	61.5	11.1	21.0	16.6	63.6	40.1	33.7	
Ben	38	62.2	11.6	21.9	15.2	58.7	37.0	31.9	
Trial Mean	38	61.7	11.2	23.3	17.6	62.8	--	--	
C.V. %	6.1	0.7	--	9.1	16.2	3.1	--	--	
LSD .05	NS	0.6	--	3.3	NS	2.9	--	--	
LSD .01	NS	0.9	--	4.6	NS	4.0	--	--	

NS = no statistical difference between varieties.

Planting Date: May 7, 2009

Harvest Date: August 29, 2009

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

Previous Crop: 2006 = hrww, 2007 & 2008 = hrsw.

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