

2012 Durum Variety Trial at Scranton

Cooperator: Justin Freitag, Scranton

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield		
	Height	Weight	Protein	2010	2011	2012	2 yr	3 yr	
	inches	lbs/bu	%	----- Bushels per acre -----					
Carpio	40	57.0	15.8	51.2	32.9	50.2	41.6	44.8	
Tioga	42	59.1	13.9	50.5	32.9	50.4	41.6	44.6	
Alkabo	39	59.3	14.4	49.9	31.4	50.4	40.9	43.9	
Grenora	36	57.4	14.7	54.0	31.9	44.1	38.0	43.3	
Divide	40	58.4	14.3	44.9	32.1	49.5	40.8	42.2	
Mountrail	39	55.2	15.1	51.1	33.5	39.6	36.6	41.4	
Maier	38	58.5	14.4		32.1	49.7	40.9		
Trial Mean	39	57.7	14.5	50.3	32.3	48.2	--	--	
C.V. %	3.8	1.4	5.8	4.0	4.1	4.7	--	--	
LSD 10%	2	1.0	1.0	2.3	NS	2.7	--	--	

NS = no statistical difference between varieties.

Planting Date: April 4

Harvest Date: July 30

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

Previous Crop: HRSW

Note: The 2011 trial sustained moderate infections of bacterial leaf streak and barley yellow dwarf causing lower test weights and grain yields.