

2012 Durum Variety Trial at Regent

Cooperators: August and Perry Kirschmann, Regent

Variety	Plant	Test	Grain	----- Grain Yield -----			Average Yield	
	Height	Weight	Protein	2010	2011	2012	2 yr	3 yr
	inches	lbs/bu	%	----- Bushels per acre -----				
Tioga	41	58.0	17.3	48.7	23.7	40.6	32.2	37.7
Grenora	37	57.3	15.5	48.7	25.6	38.1	31.8	37.5
Alkabo	36	58.2	16.2	45.9	26.9	37.1	32.0	36.6
Carpio	38	56.1	16.0	47.8	30.9	30.1	30.5	36.3
Divide	38	57.8	16.4	45.8	26.9	33.5	30.2	35.4
Mountrail	38	56.6	15.5	47.6	26.3	28.8	27.6	34.2
Maier	37	58.1	16.3		25.6	39.2	32.4	
Trial Mean	38	57.6	16.0	47.4	27.3	36.0	--	--
C.V. %	3.8	0.8	2.4	4.8	6.9	5.4	--	--
LSD 10%	2	0.5	0.5	NS	2.1	2.4	--	--

NS = no statistical difference between varieties.

Planting Date: April 4

Harvest Date: July 31

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.