

**Durum Variety Trial**

**North Central Research Extension Center—Minot**

Variety	Days to Head	Plant Height	Lodging	Test Weight	Protein	Grain Yield				
						2012	2013	2014	2	3
	DAP <sup>1</sup>	inches	0-9 <sup>2</sup>	lbs/bu	%	-----bu/A-----				
Carpio	57	45	4	61.2	12.1	47.8	64.5	68.5	66.5	60.3
Joppa	57	46	4	60.6	12.4	49.0	65.5	66.1	65.8	60.2
Pierce	56	47	1	60.9	12.1	52.6	64.1	63.4	63.7	60.0
Tioga	58	49	2	57.5	11.9	44.4	68.1	66.3	67.2	59.6
Alkabo	56	46	0	60.6	12.3	45.4	56.8	76.0	66.4	59.4
Maier	55	43	1	59.2	13.0	49.4	62.6	62.4	62.5	58.1
Grenora	55	42	1	59.2	12.3	43.8	63.9	65.8	64.9	57.9
Mountrail	56	45	2	59.9	12.2	41.1	61.5	70.5	66.0	57.7
Divide	58	47	1	60.2	12.6	44.1	60.9	66.8	63.8	57.3
Lebsock	55	44	2	60.7	12.1	42.4	59.5	69.5	64.5	57.1
Ben	56	48	2	60.0	13.5	39.2	60.3	68.7	64.5	56.0
Rugby	56	51	3	59.8	13.6	41.6	62.1	61.9	62.0	55.2
Strongfield	57	44	1	58.5	13.2	40.8	58.6	65.8	62.2	55.1
Normanno	56	32	0	55.3	13.3	51.4	56.8	52.5	54.6	53.6
CDC Verona	58	43	0	58.9	12.5	37.7	64.4	58.1	61.2	53.4
AC Commander	57	35	0	58.4	12.5	33.6	64.6	58.8	61.7	52.3
Alzada	54	36	0	58.4	13.3	27.3	59.1	53.0	56.1	46.5
AC Navigator	55	37	0	59.0	12.9	23.9	55.9	54.2	55.0	44.7
VT Peak	56	45	1	60.8	12.5	--	60.4	69.6	65.0	--
MS Dart	58	41	3	58.8	12.1	--	--	58.0	--	--
Trial Mean	57	45	1	59.6	12.7	42.7	61.1	65.1	--	--
C.V.%	1.3	5.3	88	1.3	5.8	8.2	5.1	6.0	--	--
LSD 10%	1	3	1	0.9	1.0	1.6	3.6	4.6	--	--

<sup>1</sup> DAP = Days after planting.

<sup>2</sup> Lodging: 0 = none, 9 = lying flat on the ground.

Planted on May 16 with a seeding rate of 1.5 million PLS/A and harvested on September 3.

Previous Crop: 2011 & 2012 = field pea, 2013 = soybean.

Soil Type: Williams Loam

**2014 Durum Variety Trial at Mohall**

Cooperators: Dean Schoenberg and the Renville/Bottineau Ag Improvement Assn.

Variety	Plant Height	Test Weight	Grain Protein	Grain Yield		
				2013	2014	2 yr avg
	in	lb/bu	%	bushels per acre		
Carpio	41	61.2	13.3	65.7	60.4	63.1
Grenora	39	61.8	12.3	59.9	60.8	60.4
Joppa	42	61.5	12.7	59.9	60.8	60.4
Alkabo	42	63.1	12.1	56.1	64.4	60.2
Mountrail	43	61.8	12.3	62.5	56.7	59.6
Divide	42	62.2	13.4	51.5	60.7	56.1
Trial Mean	42	61.9	12.7	58.6	60.6	--
C.V.%	3.0	0.6	4.3	5.9	5.8	--
LSD 10%	2	0.5	0.7	4.2	4.4	--

Planting Date: May 28

Planting Rate: 1.5 million PLS/A

Harvest Date: September 12

Previous Crop: 2012 = winter wheat, 2013 = canola

Soil Type: Barnes loam