

Durum Variety Trial at Minot

North Central Research Extension Center

Variety	Days		Lodging	Test Weight	Protein	Grain Yield				
	to Head	Plant Height				2014	2015	2016	Averag	
	DAP ¹	inches	0-9 ²	lbs/bu	%	---bu/A-----				
Alkabo	56	35	V3	57.2	13.6	76.0	80.8	72.3	76.5	76.4
Joppa	56	38	2	57.5	13.7	66.1	77.3	78.3	77.8	73.9
Mountrail	58	34	V3	57.2	14.1	70.5	78.1	72.5	75.3	73.7
VT Peak	56	36	0	59.0	14.4	69.6	73.4	77.4	75.4	73.5
Carpio	59	37	V3	57.9	14.0	68.5	74.3	72.5	73.4	71.8
Lebsock	57	36	0	58.5	14.4	69.5	77.4	66.7	72.0	71.2
Grenora	56	33	V3	56.5	15.0	65.8	74.0	69.1	71.6	69.6
Divide	59	33	0	57.5	14.5	66.8	77.3	64.2	70.7	69.4
Pierce	57	35	V3	58.3	14.2	63.4	79.4	61.3	70.3	68.0
Maier	60	36	0	57.5	15.2	62.4	72.8	66.1	69.4	67.1
Ben	57	38	V3	57.9	15.1	68.7	70.7	61.8	66.2	67.1
Tioga	60	38	V3	55.1	14.7	66.3	73.3	51.7	62.5	63.8
AC Commander	57	29	0	56.3	14.6	58.8	71.0	61.1	66.0	63.6
Rugby	57	38	1	57.6	14.1	61.9	63.9	59.1	61.5	61.6
CDC Verona	60	37	0	56.3	15.4	58.1	62.1	59.7	60.9	60.0
Strongfield	60	35	0	54.1	15.6	65.8	65.5	45.7	55.6	59.0
AC Navigator	58	31	0	55.7	14.4	54.2	52.3	55.7	54.0	54.1
Alzada	53	30	3	57.4	13.7	53.0	46.4	60.9	53.6	53.4
Normanno	55	28	2	54.1	13.8	52.5	44.1	61.3	52.7	52.6
Plaza	57	31	0	56.2	13.3			74.8		
Trial Mean	58	36	1	57.4	14.3	65.1	70.9	70.9	--	--
C.V.%	1.9	3.3	65	1.1	1.8	6.0	9.0	6.7	--	--
LSD 5%	2	2	1	1.0	0.4	5.5	10.3	7.7	--	--
LSD 10%	1	2	1	0.8	0.3	4.6	8.6	6.4	--	--

¹ DAP = Days after planting.

² Lodging: 0 = none, 9 = lying flat on the ground.

No-till planted on May 3 with a seeding rate of 1.5 million PLS/A and harvested on August 22.

Previous Crop: 2013 & 2015 = soybean, 2014 = flax.

Soil Type: Williams Loam

Durum Yield Results from the North Central Region

Combined Means

Variety	Plant		Lodging	Test Weight	Protein	Grain Yield				
	Height	inches				2014	2015	2016	-----	
	inches		0-9*	lbs/bu	%	---bu/A-----				
Joppa	36		2	60.3	13.0	58.7	61.9	76.5	69.2	65.7
Alkabo	34		0	60.5	12.9	62.4	63.1	71.5	67.3	65.7
Mountrail	35		1	60.2	13.0	57.7	64.8	73.6	69.2	65.3
Grenora	34		1	59.5	13.6	59.0	61.8	71.5	66.7	64.1
Divide	35		1	60.2	13.6	58.6	62.5	69.6	66.0	63.6
Carpio	36		2	60.5	13.1	58.8	57.9	73.1	65.5	63.3
# of Trials	5		5	5	5	5	5	5	10	15

*Lodging: 0 = none, 9 = lying flat on the ground.

Garrison, Minot,