

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

**Durum Dryland Variety Trial - NDSU**

**WREC, Williston, ND 2017**

Variety	Plant Height (in)	Heading Date DAP*	Protein <sup>†</sup> (%)	Test weight <sup>‡</sup> (lb/bu)	Yield <sup>#</sup>		
					2017 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Tioga	24.4	57	18.8	50.9	28.5	28.5	32.7
AC Navigator	20.7	59	17.7	53.5	27.8	27.6	30.8
Carpio	22.6	59	18.5	50.1	26.7	28.3	30.7
Joppa	23.8	56	18.4	50.3	27.6	27.2	30.6
Alkabo	21.8	57	17.8	51.1	27.7	27.9	30.4
VT Peak	21.4	56	17.7	52.5	26.8	28.3	30.2
Alzada	17.2	56	18.0	51.0	27.6	27.1	30.1
Divide	21.7	58	18.7	50.6	27.0	27.1	29.7
Grenora	19.5	56	18.1	49.8	25.6	28.9	29.6
AC Commander	20.2	59	18.8	50.5	26.7	25.7	29.6
Normanno	16.1	55	19.1	50.4	26.3	27.3	29.1
Mountrail	21.7	58	18.3	50.3	23.8	26.0	28.8
Ben	22.4	56	18.3	51.9	26.7	25.2	28.5
Pierce	21.7	55	17.9	51.0	26.4	26.2	28.1
Lebsock	20.7	57	17.3	51.5	27.0	25.5	27.4
Strongfield	23.4	58	19.3	50.6	24.8	25.1	27.1
Rugby	25.2	57	18.8	51.4	25.1	23.6	26.7
CDC Verona	23.5	58	20.4	49.5	22.9	25.8	26.4
Silver	15.9	55	19.9	50.4	19.2	21.0	24.3
ND Grano	22.3	58	19.2	50.4	26.0	33.1	-
ND Riveland	24.1	56	18.4	51.4	27.6	32.6	-
Maier	21.8	59	19.8	50.6	26.1	-	-
TCG Bright	22.3	58	18.0	50.8	25.6	-	-
Mean	21.5	57.0	18.6	50.9	26.1	-	-
CV (%)	5.6	1.4	3.3	1.1	7.6	-	-
LSD (5%)	2.0	1.3	1.0	0.9	3.2	-	-
LSD (10%)	1.7	1.1	0.8	0.8	2.7	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft      Previous crop: Peas  
 Planted: 4-22-2017      Harvested: 8-15-2017  
 Soil test (0-6"): P=17 ppm; K=380 ppm; pH=5.8; OM=2.5%;      Soil type: Williams-Bowbells loam  
 (0-24"): NO<sub>3</sub>-N=27 lb/a

Applied fertilizers in lb/a: N=33; P<sub>2</sub>O<sub>5</sub>=18; K<sub>2</sub>O=0; S=5

DAP\* = Days after planting

<sup>†</sup>Protein adjusted to 12.0% moisture

<sup>‡</sup>Test weight reported on a 13.5% moisture basis

<sup>#</sup>Yield reported on a 13.5% moisture basis

Chemical Applications: Goldsky @ 1.0 pt/a (6-7-17)