

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

**Durum McKenzie Variety Trial - NDSU**

Variety	Protein <sup>†</sup> (%)	Test weight <sup>‡</sup> (lb/bu)	Yield <sup>#</sup>	
			2016 (bu/a)	2017 (bu/a)
Tioga	14.3	59.4	59.3	36.6
Joppa	15.4	59.0	61.5	33.8
Mountrail	16.3	57.2	57.3	27.3
Carpio	14.4	58.2	55.3	29.2
Alkabo	15.0	59.2	49.1	33.4
Lebsock	15.6	58.6	47.1	31.2
Divide	14.7	59.0	48.1	27.8
ND Grano	16.2	58.2	-	31.8
ND Riveland	14.5	59.9	-	41.5
Plaza	14.5	59.6	-	33.2
Mean	15.1	58.8	54.0	32.6
CV (%)	9.8	2.4	8.8	26.2
LSD (5%)	NS	2.4	8.5	NS
LSD (10%)	NS	2.0	7.0	NS

Location: Arnegard; Latitude 47° 48' N; Longitude 103° 25' W

Planted: 5/12/2017

Harvested: 8/23/2017

Previous crop: Durum

Soil type: Dooley-Zahl complex

Soil test (0-6"): P=7 ppm; K=216 ppm; OM=2.6%, pH=7.7

(0-24"): NO<sub>3</sub>-N=20 lb/a

Applied fertilizer in lb/a: 79.43 N : 21.2 P : 0 K : 5.3 S Broadcasted

<sup>†</sup>Protein adjusted to 12% moisture

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

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