

MT Statewide Durum Trial - NDSU

WREC, Williston, ND 2016

Variety	Plant Height (in)	Heading Date DAP*	Protein <sup>†</sup>		Test weight <sup>‡</sup> (lb/bu)	Yield <sup>#</sup>	
			2016 (%)	3-Yr Avg (%)		2016 (bu/a)	3-Yr Avg (bu/a)
Alkabo	24	53	18.9	16.9	56.1	37.6	33.7
Alzada	23	51	18.1	16.8	54.9	42.4	32.8
Carpio	26	55	18.4	16.8	56.0	42.6	32.2
Divide	24	53	18.1	16.6	55.6	42.9	34.3
Grenora	24	52	18.4	16.6	55.5	38.7	32.5
Joppa	26	53	18.8	16.9	55.6	39.3	33.2
Mountrail	24	53	18.2	16.4	54.2	36.9	32.0
Silver	21	50	18.2	17.1	56.0	39.5	30.2
Tioga	24	52	18.0	16.6	59.7	38.5	34.2
Mean	24.0	52.5	18.4		55.9	39.8	
CV (%)	6.9	1.1	5.4		2.4	11.8	
LSD (5%)	2.8	0.9	NS		2.3	NS	
LSD (10%)	2.3	0.8	NS		1.9	NS	

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft  
 Planted: 5-2-2016

Previous crop: Safflower  
 Harvested: 8-5-2017

Soil test (0-6"): P=17 ppm; K=266 ppm; pH=6.2; OM=2.4%;  
 (0-24"): NO3-N=4 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=67; 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: Brox-M/Discover NG @ 1.5 pt/ac and 16 oz/ac (6-6-16)