

Durum Golden Valley Variety Trial - NDSU

Golden Valley County, ND 2016

Variety	Protein [†] (%)	Test weight (lb/bu)	Yield		
			2016 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Joppa	13.5	61.8	55.1	65.5	62.2
Mountrail	12.8	61.4	50.0	61.0	61.5
Tioga	13.8	62.0	54.1	65.9	58.5
Carpio	13.2	61.8	52.3	56.8	56.3
Lebsock	12.9	61.7	48.3	63.0	56.0
Alkabo	12.9	61.3	45.1	58.2	55.1
Divide	13.1	61.8	46.1	56.2	54.9
Mean	13.2	61.7	50.1	-	-
CV (%)	5.6	0.4	8.5	-	-
LSD (5%)	1.3	0.5	7.4	-	-
LSD (10%)	1.1	0.4	6.1	-	-

Location: Latitude 46° 50'N; Longitude 103° 59'W; Elevation 2890 ft

Previous crop: lentil

Planted: 5-17-2016

Harvested: 08-31-2016

Soil test (0-6"): P=7 ppm; K=202 ppm; pH=7.9; OM=2.5%

Soil type: Grail-Grassna complex

(0-24"): NO₃-N=35 lb/aApplied fertilizers in lb/a: N=29; P₂O₅=18; K₂O=0; S=5

Chemical Applications: Brox-M/Discover NG @ 1.5 pt/ac and 16 oz/ac

[†]Protein adjusted to 12% moisture

*Average of years 2013, 2014, and 2016