

Durum McKenzie Variety Trial - NDSU

McKenzie County, ND 2016

Variety	Test		Yield [#]	
	Protein [†] (%)	weight [†] (lb/bu)	2016 (bu/a)	2-Yr Avg (bu/a)
Joppa	12.8	61.7	61.5	45.5
Tioga	13.0	61.5	59.3	44.8
Alkabo	12.8	61.1	49.1	39.9
Lebsock	13.7	61.6	47.1	39.6
Mountrail	13.1	61.0	57.3	39.0
Carpio	13.5	61.1	55.3	38.7
Divide	14.0	60.9	48.1	34.8
Mean	13.3	61.3	54.0	-
CV (%)	4.8	0.4	8.8	-
LSD (5%)	1.1	0.4	8.5	-
LSD (10%)	0.9	0.3	7.0	-

Location: Arnegard, ND; Latitude 47° 47'N; Longitude 103° 25'W; Elevation 2250 ft

Previous crop: Lentil

Planted: 5/9/2016

Harvested: 8/23/2016

Soil test (0-6"): P=7 ppm; K=235 ppm; pH=7.1; OM=4.2%

Soil type: Williams-Belfield-Grail

(0-24"): NO₃-N=4 lb/aApplied fertilizers in lb/a: N=96; P₂O₅=21; K₂O=0; S=5[†]Protein adjusted to 12% moisture[‡]Test Weight = Reported on a 13.5% moisture basis[#]Yield = Reported on a 13.5% moisture basis

*Moisture stress caused low yields in 2015, contributing to a low 2 yr. avg.