

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Durum Dryland Varietal Trial-NDSU: McKenzie County, ND

2015

Cultivar	Yield [‡]			Test weight [‡] (lb/bu)	Protein ¹		
	2015	2 yr* (bu/a)	3 yr*		2015	2 yr* (%)	3 yr*
Lebsock	32.1	43.6	46.5	55.2	15.8	14.6	14.5
Tioga	30.3	42.6	43.0	54.1	14.3	13.8	13.1
Carpio	22.1	39.2	40.4	55.5	14.1	13.7	13.7
Strongfield	28.4	39.1	39.9	55.0	15.6	15.4	14.5
Alkabo	30.7	41.2	39.8	54.1	14.6	13.4	12.9
AC Commander	22.3	39.8	39.5	52.8	15.7	14.5	14.1
Divide	21.5	37.5	38.4	54.9	14.1	14.2	14.1
Mountrail	20.7	42.6	37.5	52.5	15.3	14.1	14.2
Joppa	29.4	45.6	-	55.1	14.2	13.5	-
Mean	25.9	-	-	54.7	14.7	-	-
CV (%)	33.3	-	-	1.0	7.4	-	-
LSD (5%)	-	-	-	0.9	-	-	-
LSD (10%)	-	-	-	0.8	-	-	-

Location of the McKenzie Offstation Plots: Latitude 47 48'; Longitude 103 25'W; Elevation 2265 ft Previous crop: Flax
 Planted: 4/30/2015 Soil type: Dooley-Zahl complex
 Harvested: 8/13/2015 [‡]Reported on a 13.5% moisture basis
 Applied fertilizers in lb/a: 10N :47P2O5 : 0K2O ¹Reported on a 12.0% moisture basis
 Soil test (0-6"): NO₃-N=16lb/a; P=7 ppm; K=190 ppm; pH=7.4; OM=2.4 %
 (6-24"): NO₃-N=24 lb/a

Chemical Applications: Supremacy@ 5oz/acre, Discover @ 14oz/acre, Tilt @ 3oz/acre (6/16/15)
 3yr avg* = average of 2012, 2013, & 2015
 2yr avg* = average of 2013, & 2015