

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Durum Dryland Varietal Trial-NDSU: Mountrail County, ND

2015

Cultivar	Yield [‡]			Test weight [‡]		Protein ¹	
	2015	2 yr* (bu/a)	3 yr*	2015 (lb/bu)	2015	2 yr* (%)	3 yr*
Divide	50.4	59.7	49.1	57.1	12.5	12.5	13.1
Mountrail	49.0	59.9	48.2	56.0	12.0	12.0	13.0
Carpio	54.8	57.6	47.5	57.6	11.4	11.8	12.5
Lebsock	43.1	55.8	47.1	57.3	10.5	11.2	11.9
Strongfield	45.4	56.4	45.7	56.9	12.4	12.8	13.5
Alkabo	43.4	49.4	43.0	56.2	10.5	11.1	12.0
AC Commander	47.1	50.9	41.3	55.6	13.0	12.7	13.3
Tioga	41.5	47.2	39.0	56.3	10.9	11.5	12.2
Joppa	53.4	55.8	-	57.1	11.2	11.4	-
Mean	46.8	-	-	56.6	11.6	-	-
CV (%)	8.5	-	-	0.6	12.7	-	-
LSD (5%)	6.9	-	-	0.6	-	-	-
LSD (10%)	5.7	-	-	0.5	-	-	-

Location of Plots: Latitude 48 9'N; Longitude 102 21'W; Elevation 2291 ft

Previous crop: Flax

Planted: 5/12/2015

Soil type: Williams-Zahl Loam

Harvested: 8/27/2015

[‡]Reported on a 13.5% moisture basis

Applied fertilizers in ppm: 38N :26P2O5 : 0K2O

¹Reported on a 12% moisture basis

Soil test (0-6"): NO₃-N=21lb/a; P=10 ppm; K=334 ppm; pH=7.3; OM=4.4 %

(6-24"): NO₃-N=21 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