

**Durum Dryland Off-Station Variety Trial - NDSU**

**Divide County, ND 2019**

| Variety     | Protein <sup>†</sup><br>n | Test weight<br>(lb/bu) | Yield <sup>#</sup><br>------(bu/a)----- |          |          |
|-------------|---------------------------|------------------------|---|----------|----------|
|             |                           |                        | 2019                                    | 2-Yr Avg | 3-Yr Avg |
| Tioga       | 14.3                      | 60.5                   | 52.4                                    | 43.5     | 37.5     |
| ND Riveland | 14.1                      | 61.1                   | 51.1                                    | 39.0     | 36.6     |
| Mountrail   | 14.1                      | 60.8                   | 53.9                                    | 40.2     | 36.2     |
| ND Grano    | 13.6                      | 60.6                   | 51.1                                    | 37.9     | 34.7     |
| Carpio      | 13.9                      | 60.9                   | 51.2                                    | 37.4     | 34.1     |
| Divide      | 14.0                      | 60.6                   | 52.1                                    | 37.5     | 34.1     |
| Joppa       | 14.6                      | 60.4                   | 48.9                                    | 36.9     | 33.6     |
| Lebsock     | 13.4                      | 60.7                   | 49.9                                    | 35.3     | 32.7     |
| Alkabo      | 13.7                      | 60.1                   | 46.9                                    | 34.6     | 32.6     |
| Grenora     | 13.6                      | 60.3                   | 52.1                                    | 35.0     | -        |
| VT Peak     | 13.5                      | 61.4                   | 49.6                                    | -        | -        |
| DG Max      | 14.1                      | 60.8                   | 42.8                                    | -        | -        |
| Mean        | 13.91                     | 60.69                  | 50.43                                   | -        | -        |
| CV (%)      | 4.79                      | 0.93                   | 9.07                                    | -        | -        |
| LSD (5%)    | 1.13                      | 0.96                   | 7.74                                    | -        | -        |
| LSD (10%)   | 0.94                      | 0.79                   | 6.41                                    | -        | -        |

Location: Crosby, ND; Latitude 48° 8' N; Longitude 103° 18' W; Elevation 2044 ft.

Planted: 05/6/2019

Previous crop: HRSW

Soil test to 6" in ppm: P=14 ppm; K=362; OM=3%

Harvested: 8/21/19

Soil test to 24" in lb/a: N=14 lb/a

Soil type: Farnuf-Alkabo.

Applied fertilizers in lb/a: N=77; P=24; K=0; S=6; Zn=0.6

(60 lbs of MESZ with seed, 152 lbs of Urea broadcast)

<sup>†</sup>Protein adjusted to 12% moisture.

<sup>#</sup>Yield reported on a 13.5% moisture basis.

Herbicide Application: Bison @ 1.5 pts/a with Tacoma @ 10 oz/a (6/25/2019)