

**DURUM VARIETY - 2009**

**WILLISTON RESEARCH EXTENSION CENTER - MOUNTRAIL COUNTY, NEW TOWN**

| Cultivar     | Plant  | 1000 | Test   | Grain   | ----- Grain Yield ----- |      |      | <u>Average Yield</u> |      |
|--------------|--------|------|--------|---------|-------------------------|------|------|----------------------|------|
|              | Height | KWT  | Weight | Protein | 2007                    | 2008 | 2009 | 2 yr                 | 3 yr |
|              | inches | gms  | lbs/bu | %       | ----- bus/a -----       |      |      |                      |      |
| AC Navigator | 31     | 41.2 | 61.1   | 12.8    | 27.4                    | 28.8 | 48.0 | 38.4                 | 34.7 |
| Alkabo       | 30     | 39.6 | 60.4   | 13.5    | 38.4                    | 30.1 | 49.9 | 40.0                 | 39.4 |
| Ben          | 36     | 43.2 | 61.3   | 14.0    | 34.6                    | 25.2 | 51.3 | 38.2                 | 37.0 |
| Commander    | 29     | 41.7 | 60.4   | 14.1    | 30.1                    | 35.5 | 56.1 | 45.8                 | 40.6 |
| DG Star      | 32     | 40.7 | 60.7   | 13.6    | --                      | 29.2 | 50.7 | 40.0                 | --   |
| Dilse        | 35     | 41.0 | 61.1   | 14.5    | 30.6                    | 26.4 | 49.8 | 38.1                 | 35.6 |
| Divide       | 33     | 39.3 | 60.1   | 14.6    | 33.6                    | 30.4 | 54.2 | 42.3                 | 39.4 |
| Grenora      | 31     | 40.1 | 60.2   | 13.9    | 41.4                    | 24.9 | 57.5 | 41.2                 | 41.3 |
| Kyle         | 40     | 41.5 | 60.2   | 14.2    | 32.6                    | 26.1 | 52.2 | 39.1                 | 36.9 |
| Lebsock      | 34     | 41.2 | 62.1   | 13.1    | 28.4                    | 29.8 | 53.7 | 41.8                 | 37.3 |
| Maier        | 34     | 40.9 | 61.5   | 13.7    | 34.7                    | 29.0 | 50.2 | 39.6                 | 38.0 |
| Mountrail    | 34     | 38.5 | 60.2   | 14.3    | 37.3                    | 24.2 | 54.4 | 39.3                 | 38.6 |
| Pierce       | 34     | 36.5 | 61.0   | 13.7    | 30.5                    | 25.4 | 51.2 | 38.3                 | 35.7 |
| Strongfield  | 32     | 38.7 | 60.1   | 14.8    | 31.1                    | 29.5 | 47.6 | 38.5                 | 36.0 |
| AC Avonlea   | 35     | 43.1 | 60.9   | 14.2    | 34.6                    | --   | 54.3 | 44.5                 | --   |
| AC Napoleon  | 35     | 42.8 | 59.2   | 14.3    | 32.7                    | --   | 50.2 | 41.5                 | --   |
| DG Max       | 34     | 42.9 | 61.1   | 14.3    | --                      | --   | 51.5 | --                   | --   |
| MEAN         | 34     | 40.8 | 60.7   | 13.9    | 33.1                    | 28.0 | 52.0 | --                   | --   |
| C.V. %       | 4      | 3.2  | 0.6    | 3.8     | 10.0                    | 15.6 | 6.3  | --                   | --   |
| LSD 5%       | 2      | 2.8  | 0.8    | NS      | 5.5                     | NS   | 5.4  | --                   | --   |

Planted: May 11th notill into durum stubble.

Harvested: August 26

Grain protein percentages reported on a 12% moisture basis.