

**North Central Research Extension Center—Minot  
Durum Variety Trial—Pierce County**

| Variety      | Days<br>to<br>Head     | Plant<br>Height | Kernel<br>Weight | Test<br>Weight | Protein<br>% | Grain Yield    |                   |      |      |    |
|--------------|------------------------|-----------------|------------------|----------------|--------------|----------------|-------------------|------|------|----|
|              |                        |                 |                  |                |              | 2006           | 2007 <sup>1</sup> | 2008 | 2    | 3  |
|              |                        |                 |                  |                |              | -----bu/A----- |                   |      |      |    |
| AC Navigator | DAP <sup>2</sup><br>68 | in<br>33        | g/1000<br>33.2   | lb/bu<br>60.0  | 13.8         | --             | --                | 59.3 | --   | -- |
| Alkabo       | 67                     | 36              | 30.9             | 59.4           | 14.4         | --             | 40.1              | 54.8 | 47.5 | -- |
| Alzada       | 68                     | 33              | 32.2             | 59.7           | 14.1         | --             | --                | 59.1 | --   | -- |
| Ben          | 66                     | 37              | 34.6             | 60.4           | 13.6         | --             | 37.8              | 56.3 | 47.1 | -- |
| DG Star      | 66                     | 37              | 34.3             | 59.5           | 14.1         | --             | --                | 56.3 | --   | -- |
| Dilse        | 68                     | 37              | 32.1             | 59.3           | 14.9         | --             | 39.0              | 50.1 | 44.6 | -- |
| Divide       | 67                     | 36              | 30.6             | 58.1           | 14.9         | --             | 41.0              | 47.6 | 44.3 | -- |
| Grande Doro  | 67                     | 37              | 35.7             | 60.8           | 13.5         | --             | 47.4              | 58.4 | 52.9 | -- |
| Grenora      | 67                     | 35              | 33.6             | 59.0           | 13.5         | --             | 40.4              | 57.7 | 49.1 | -- |
| Lebsock      | 67                     | 35              | 30.5             | 60.0           | 13.9         | --             | 40.7              | 53.6 | 47.2 | -- |
| Maier        | 67                     | 35              | 32.1             | 59.7           | 14.2         | --             | 40.4              | 56.2 | 48.3 | -- |
| Mountrail    | 68                     | 35              | 30.4             | 57.7           | 14.7         | --             | 47.3              | 51.8 | 49.6 | -- |
| Pierce       | 67                     | 37              | 31.4             | 59.8           | 14.1         | --             | 44.3              | 55.5 | 49.9 | -- |
| Strongfield  | 67                     | 36              | 33.9             | 59.6           | 14.0         | --             | 38.7              | 61.4 | 50.1 | -- |
| LSD 5%       | 1                      | 2               | NS               | 1.6            | NS           | --             | 5.7               | 7.0  | --   | -- |
| C.V.%        | 0.9                    | 3.3             | 7.4              | 1.9            | 4.7          | --             | 9.4               | 8.8  | --   | -- |
| Mean         | 67                     | 36              | 32.5             | 59.5           | 14.1         | --             | 41.5              | 55.6 | --   | -- |

<sup>1</sup> This study site was initiated in 2007.

<sup>2</sup> DAP = Days after planting.