

**NDSU Hettinger Research Extension Center**

|                          |                     |
|--------------------------|---------------------|
| <b>Durum Wheat -2013</b> | <b>Scranton, ND</b> |
|--------------------------|---------------------|

| Variety    | Plant Height | Plant Lodge | Test Weight | Grain Protein | ----- Grain Yield -----      |      |      | Average Yield |      |  |
|------------|--------------|-------------|-------------|---------------|------------------------------|------|------|---------------|------|--|
|            | inches       | 0-9*        | lbs/bu      | %             | 2011                         | 2012 | 2013 | 2 yr          | 3 yr |  |
|            |              |             |             |               | ----- Bushels per acre ----- |      |      |               |      |  |
| Alkabo     | 35           | 4           | 59.6        | 12.4          | 31.4                         | 50.4 | 52.9 | 51.7          | 44.9 |  |
| Carpio     | 36           | 5           | 58.5        | 12.4          | 32.9                         | 50.2 | 54.6 | 52.4          | 45.9 |  |
| Divide     | 38           | 5           | 61.5        | 12.9          | 32.1                         | 49.5 | 57.5 | 53.5          | 46.4 |  |
| Grenora    | 34           | 5           | 59.7        | 12.9          | 31.9                         | 44.1 | 53.3 | 48.7          | 43.1 |  |
| Joppa      | 37           | 5           | 59.8        | 12.1          | 31.6                         | 51.5 | 61.2 | 56.4          | 48.1 |  |
| Mountrail  | 35           | 4           | 59.1        | 12.4          | 33.5                         | 39.6 | 55.3 | 47.4          | 42.8 |  |
| Tioga      | 39           | 5           | 62.1        | 12.3          | 32.9                         | 50.4 | 60.7 | 55.6          | 48.0 |  |
| Trial Mean | 36           | 5           | 60.0        | 12.5          | 32.3                         | 48.2 | 56.5 | --            | --   |  |
| C.V. %     | 3.3          | 12.6        | 2.8         | 3.6           | 4.1                          | 4.7  | 5.8  | --            | --   |  |
| LSD 10%    | 1            | 1           | 2.1         | 0.6           | NS                           | 2.7  | 4.0  | --            | --   |  |

\* 0 = no lodging, 9 = 100% lodged.

Planting Date: April 29

Harvest Date: August 21

Seeding Rate: 1.2 million live seeds / acre.

Previous Crop: Flax