

HRSW - Nesson Valley Irrigation Project - 2008

Williston Research Extension Center

| Cultivar | Heading | Plant | 1000 | Test | Grain | Grain Yield | | | | |
|------------|---------|--------|------|--------|---------|----------------------------|------|------|----------|----------|
| | Date | Height | KWT | Weight | Protein | 2006 | 2007 | 2008 | 2 yr avg | 3 yr avg |
| | fr plt | in | gms | lbs/bu | % | -----bushels per acre----- | | | | |
| AC Vista | 59.8 | 36.2 | 40.9 | 59.0 | 14.3 | 62.6 | 78.0 | 86.5 | 82.3 | 75.7 |
| Alsen | 60.0 | 33.9 | 35.2 | 60.6 | 16.4 | 51.8 | 62.3 | 75.9 | 69.1 | 63.3 |
| Briggs | 58.0 | 36.6 | 35.1 | 61.8 | 15.7 | 65.4 | 78.5 | 82.3 | 80.4 | 75.4 |
| Faller | 61.5 | 35.5 | 38.7 | 59.0 | 15.7 | 55.0 | 67.6 | 79.9 | 73.7 | 67.5 |
| Freyr | 60.8 | 34.5 | 34.7 | 60.8 | 15.5 | 58.6 | 76.1 | 78.7 | 77.4 | 71.1 |
| Glenn | 58.5 | 39.3 | 36.9 | 64.0 | 15.9 | 53.3 | 84.2 | 82.5 | 83.3 | 73.3 |
| Granger | 59.3 | 39.0 | 41.4 | 61.3 | 16.0 | 55.8 | 83.5 | 78.7 | 81.1 | 72.7 |
| Granite | 61.3 | 31.9 | 32.9 | 63.0 | 16.9 | 55.8 | 68.6 | 77.9 | 73.3 | 67.4 |
| Howard | 60.0 | 36.6 | 33.5 | 59.5 | 15.9 | 51.6 | 74.9 | 74.9 | 74.9 | 67.1 |
| Knudson | 60.8 | 34.7 | 36.0 | 60.5 | 15.3 | 57.2 | 77.4 | 77.3 | 77.3 | 70.6 |
| Kuntz | 61.0 | 31.1 | 30.4 | 60.3 | 14.9 | -- | -- | 76.4 | -- | -- |
| RB07 | 58.0 | 33.6 | 34.4 | 61.7 | 15.4 | -- | -- | 88.0 | -- | -- |
| Reeder | 60.0 | 35.8 | 36.4 | 60.2 | 16.5 | 60.6 | 76.1 | 80.3 | 78.2 | 72.3 |
| Steele-ND | 60.0 | 36.8 | 33.8 | 59.7 | 15.9 | 54.3 | 74.5 | 80.0 | 77.3 | 69.6 |
| Tom | 59.3 | 35.9 | 36.0 | 60.0 | 15.9 | -- | -- | 81.4 | -- | -- |
| Vida | 60.5 | 34.7 | 32.1 | 58.3 | 15.5 | -- | 73.7 | 82.6 | 78.1 | -- |
| TRIAL MEAN | 59.9 | 35.4 | 35.5 | 60.6 | 15.7 | 56.1 | 75.5 | 80.2 | -- | -- |
| C.V. % | 0.6 | 4.1 | 4.5 | 1.4 | 2.8 | 8.3 | 5.8 | 6.8 | -- | -- |
| LSD 5% | 0.5 | 2.0 | 3.4 | 1.8 | 0.9 | 6.6 | 6.3 | NS | -- | -- |

Planting Date: April 30 previous crop potatoes.

Harvest Date: August 11