

Durum Variety - 2005

Williams County, Ray

| Cultivar | Plant Height in | 1000 KWT gms | Test Weight lbs/bu | Grain Protein % | Grain Yield | | | |
|---------------------|--------------------|-----------------|-----------------------|--------------------|-------------|-------|-------|----------|
| | | | | | 2003 | 2004 | 2005 | 3 yr avg |
| | | | | | ----- | bu/ac | ----- | bu/ac |
| Conventional | | | | | | | | |
| AC Avonlea | 27 | 24.2 | 61.7 | 14.7 | 41.1 | 57.7 | 40.0 | 46.3 |
| AC Napoleon | 27 | 25.8 | 61.4 | 13.9 | 37.9 | 49.0 | 43.7 | 43.5 |
| AC Pathfinder | 28 | 23.7 | 61.9 | 14.1 | -- | 47.7 | 41.6 | -- |
| Alkabo | 26 | 24.3 | 63.0 | 13.8 | -- | 55.0 | 42.5 | -- |
| Ben | 28 | 26.6 | 63.3 | 14.5 | 40.4 | 46.9 | 47.7 | 45.0 |
| Dilse | 26 | 24.3 | 62.8 | 14.5 | 40.5 | 48.7 | 45.9 | 45.1 |
| Divide | 28 | 23.5 | 61.9 | 14.3 | -- | -- | 46.3 | -- |
| Grande D'Oro | 26 | 25.5 | 63.0 | 13.2 | -- | -- | 48.7 | -- |
| Grenora | 24 | 23.9 | 62.1 | 13.9 | 42.8 | 50.4 | 43.4 | 45.5 |
| Kyle | 32 | 25.9 | 61.8 | 13.9 | 39.6 | 52.6 | 48.1 | 46.8 |
| Lebsock | 25 | 25.3 | 63.0 | 14.0 | 42.6 | 52.9 | 42.2 | 45.9 |
| Maier | 26 | 25.0 | 62.8 | 13.8 | 40.7 | 53.1 | 43.9 | 45.9 |
| Mountrail | 25 | 23.0 | 61.0 | 14.1 | 43.2 | 55.0 | 43.5 | 47.2 |
| Pierce | 26 | 23.5 | 62.4 | 13.6 | 41.7 | 50.1 | 44.1 | 45.3 |
| Primo D'Oro | 29 | 25.1 | 63.0 | 14.2 | -- | -- | 41.5 | -- |
| Renville | 28 | 22.9 | 62.0 | 13.7 | 42.9 | 49.6 | 39.9 | 44.1 |
| Semi-dwarf | | | | | | | | |
| Alzada | 23 | 26.8 | 61.8 | 14.1 | -- | -- | 38.2 | -- |
| Plaza | 24 | 22.9 | 62.0 | 13.4 | 38.0 | 55.6 | 45.0 | 46.2 |
| Mean | 27 | 24.6 | 62.3 | 14.0 | 40.9 | 51.9 | 43.7 | -- |
| CV% | 5 | 5.9 | 1.0 | 4.4 | 3.7 | 5.3 | 7.8 | -- |
| LSD 0.05 | 2 | 2.4 | 1.3 | NS | 2.1 | 4.6 | 5.7 | -- |

Planting Date: May 20, 2005 on fallow

Harvest Date: August 22, 2005

Grain protein percentages reported on a 12% moisture basis