

2006 Durum - Alfalfa burn down

Dickinson, ND

| Variety | Days to Head | Seeds per Pound | Plant Height in | Test Weight lbs/bu | Protein % | ----- Grain Yield----- | | | Returns \$/ac | Average Yield | |
|--------------|--------------|-----------------|--------------------|-----------------------|-----------|-------------------------|-------------------------|-------------------------|------------------|---------------|-----------|
| | | | | | | 2004 -----bu/ac----- | 2005 -----bu/ac----- | 2006 -----bu/ac----- | | 2 Year | 3 Year |
| AC Navigator | 61 | 13,197 | 30 | 59.5 | 15.1 | 27.1 | 45.8 | 54.9 | 212.17 | 50.3 | 42.6 |
| Alkabo | 61 | 13,040 | 30 | 57.5 | 14.9 | 33.5 | 47.4 | 54.6 | 204.65 | 51.0 | 45.2 |
| Alzada | 56 | 12,685 | 30 | 57.0 | 14.6 | 23.2 | 43.0 | 52.5 | 195.25 | 47.7 | 39.6 |
| Belzer | 63 | 14,275 | 33 | 55.2 | 15.4 | 26.9 | 51.4 | 47.9 | 171.67 | 49.7 | 42.1 |
| Ben | 60 | 15,502 | 33 | 57.3 | 15.8 | 28.6 | 47.7 | 47.2 | 176.80 | 47.4 | 41.2 |
| Dilse | 62 | 14,275 | 31 | 56.1 | 16.4 | 35.4 | 47.3 | 48.3 | 176.43 | 47.8 | 43.7 |
| Divide | 63 | 15,074 | 32 | 56.1 | 15.8 | 27.3 | 50.3 | 50.4 | 183.66 | 50.3 | 42.6 |
| Grande Doro | 62 | 14,301 | 31 | 57.2 | 14.9 | -- | 46.1 | 51.4 | 192.08 | 48.7 | -- |
| Grenora | 59 | 14,829 | 32 | 55.7 | 15.5 | 30.1 | 50.2 | 52.2 | 189.28 | 51.2 | 44.2 |
| Lebsock | 60 | 14,177 | 32 | 57.6 | 15.1 | 28.7 | 48.6 | 50.1 | 188.98 | 49.4 | 42.5 |
| Maier | 61 | 15,629 | 30 | 56.9 | 16.3 | 28.1 | 51.3 | 49.8 | 184.83 | 50.6 | 43.1 |
| Mountrail | 63 | 15,216 | 31 | 55.7 | 14.6 | 32.1 | 48.5 | 53.2 | 192.51 | 50.9 | 44.6 |
| Pierce | 61 | 15,203 | 32 | 56.3 | 15.6 | 31.0 | 49.6 | 49.1 | 178.79 | 49.3 | 43.2 |
| Plaza | 63 | 16,082 | 28 | 54.6 | 15.7 | 28.0 | 47.3 | 45.3 | 159.63 | 46.3 | 40.2 |
| Primo D'Oro | 60 | 14,749 | 33 | 55.8 | 16.1 | 30.1 | 44.9 | 45.7 | 166.00 | 45.3 | 40.3 |
| Rugby | 61 | 15,588 | 35 | 54.4 | 16.4 | 29.9 | 41.0 | 46.5 | 162.24 | 43.7 | 39.1 |
| Strongfield | 61 | 14,677 | 32 | 54.4 | 16.0 | -- | -- | 54.6 | 191.30 | -- | -- |
| Trial Mean | 62 | 13,925 | 32 | 56.8 | 15.6 | 28.8 | 47.3 | 49.6 | 182.92 | -- | -- |
| CV % | 1.3 | 8.1 | 4.9 | 3.4 | 4.0 | 14.3 | 8.8 | 11.7 | 13.9 | -- | -- |
| LSD 0.05 | 1 | 1,578 | 2 | 2.7 | NS | 5.8 | 5.81 | NS | NS | -- | -- |

Planting Date: April 25, 2006

Harvest Date: August 4, 2006

Previous Crop: Alfalfa burn down

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2006 yield by the test weight discount paid at the Southwest Grain Terminal located at Gladstone on August 30. The price paid on this date was \$3.90/bu for grain with a minimum test weight of 60 lb/bu. Grain was discounted \$.02/bu for each 0.5 lb reduction in test weight between 60 and 58 lb/bu, \$.04/bu per 0.5 lb reduction between 58 and 54 lb/bu, and \$0.05/bu per 0.5 lb/bu reduction between 54 and 50 lb/bu.