

| Variety | Heading Date | Winter Survival % | Seeds | | Plant Test Weight lbs/bu | Protein % | ----- Grain Yield----- | | | | Average Yield ² | |
|-------------|--------------|-------------------|-----------|-----------------|--------------------------|-----------|------------------------|------|------|----------------------------|----------------------------|--------|
| | | | per Pound | Plant Height in | | | 2005 | 2007 | 2008 | Returns ¹ \$/ac | Year 2 | Year 3 |
| | June | % | | in | lbs/bu | % | -----bu/ac----- | | | \$/ac | ----bu/ac--- | |
| Accipiter | 22 | 93 | 20,433 | 22 | 55.4 | 16.0 | -- | -- | 18.6 | -27.67 | -- | -- |
| Alice | 19 | 80 | 19,681 | 21 | 56.4 | 15.2 | -- | 79.0 | 15.4 | -47.36 | 47.2 | -- |
| CDC Buteo | 22 | 90 | 18,706 | 23 | 58.5 | 15.5 | 58.3 | 82.7 | 17.6 | -31.34 | 50.2 | -- |
| CDC Falcon | 22 | 87 | 20,479 | 21 | 55.0 | 16.1 | 61.4 | 79.8 | 17.9 | -32.58 | 48.9 | 53.0 |
| Darrell | 21 | 90 | 16,588 | 23 | 56.9 | 15.3 | 54.0 | 79.9 | 19.4 | -20.70 | 49.7 | 51.1 |
| Expedition | 17 | 77 | 18,291 | 21 | 56.6 | 14.9 | 52.4 | 71.0 | 15.0 | -50.45 | 43.0 | 46.1 |
| Harding | 24 | 77 | 18,144 | 23 | 55.8 | 16.5 | 65.6 | 74.0 | 14.5 | -53.81 | 44.3 | 51.4 |
| Hawken | 20 | 60 | 18,790 | 20 | 54.0 | 15.6 | -- | -- | 13.9 | -59.66 | -- | -- |
| Jagalene | 23 | 70 | 18,184 | 23 | 57.0 | 15.5 | 38.9 | 64.5 | 16.4 | -40.40 | 40.5 | 39.9 |
| Jerry | 21 | 90 | 16,746 | 23 | 56.5 | 16.1 | 66.0 | 82.9 | 18.3 | -28.39 | 50.6 | 55.7 |
| Millennium | 20 | 90 | 17,021 | 22 | 57.4 | 15.0 | 69.0 | 86.7 | 17.6 | -32.29 | 52.1 | 57.7 |
| NuDakota | 24 | 37 | 20,180 | 19 | 51.9 | 15.6 | -- | 80.2 | 10.1 | -85.73 | 45.2 | -- |
| Overland | 19 | 93 | 16,865 | 21 | 58.3 | 14.9 | -- | -- | 21.4 | -6.50 | -- | -- |
| Peregrine | 24 | 97 | 19,984 | 25 | 56.1 | 15.2 | -- | -- | 17.5 | -34.15 | -- | -- |
| Radiant | 24 | 93 | 16,811 | 23 | 57.0 | 15.2 | -- | 70.7 | 19.5 | -19.95 | 45.1 | -- |
| Roughrider | 23 | 83 | 20,206 | 22 | 56.4 | 16.3 | 46.9 | 63.3 | 12.4 | -67.70 | 37.8 | 40.8 |
| Lyman | 18 | 93 | 16,964 | 21 | 57.5 | 15.4 | -- | -- | 18.2 | -28.20 | -- | -- |
| Wesley | 17 | 87 | 17,619 | 21 | 56.1 | 15.8 | 48.7 | 78.9 | 14.1 | -56.57 | 46.5 | 47.2 |
| Yellowstone | 24 | 90 | 16,739 | 24 | 56.6 | 15.9 | 41.1 | 75.4 | 18.8 | -24.87 | 47.1 | 45.1 |
| Trial Mean | 21 | 84 | 18,371 | 22 | 56.3 | 15.5 | 53.3 | 77.7 | 16.9 | -38.06 | -- | -- |
| CV % | 7.4 | 9.5 | 2.5 | 8.7 | 1.1 | 2.2 | 9.3 | 10.4 | 12.8 | -- | -- | -- |
| LSD 0.05 | 2 | 13 | 944 | 3 | 0.9 | 0.7 | 7.0 | 11.4 | 3.1 | -- | -- | -- |

Planting Date: September 18, 2007

Harvest Date: July 31, 2008

Previous Crop: Oat

Seeding Rate: 1 million live seeds/ac

¹Returns were calculated by multiplying the 2008 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was \$6.55/bu for a grain protein concentration of 12%. \$.01/bu was paid for each additional 0.2% increase in grain protein up to 15%, above which an additional premium was not paid. Grain was discounted \$0.03/bu for each 0.2% reduction in grain protein from 12% to 10%, below which no additional discount was assigned. Returns factored in discounts for grain with a test weight < 60 lb/bu [-\$.01/bu for 0.5 lb/bu between 60 and 58 lb/bu; -\$.02/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$.04/bu for 0.5 lb/bu between 55 and 52 lb/bu; and -\$.05/bu for 0.5 lb/bu between 52 and 51 lb/bu]. Returns also deduct \$149.03, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for winter wheat.

²Average yields are from 2005, 2007, and 2008 since winter wheat was not grown in 2006.