

## 2007 Glen Ullin Spring Wheat

Dickinson, ND

| Variety    | Seeds<br>per<br>Pound | Plant<br>Height<br>in | Test<br>Weight<br>lbs/bu | Protein<br>% | ----Grain Yield----     |      | Returns<br>\$/ac | 2<br>Year<br>Average<br>bu/ac |
|------------|-----------------------|-----------------------|--------------------------|--------------|-------------------------|------|------------------|-------------------------------|
|            |                       |                       |                          |              | 2005<br>-----bu/ac----- | 2007 |                  |                               |
| Alsen      | 15,274                | 30                    | 58.8                     | 16.1         | 62.0                    | 35.2 | 223.23           | 48.6                          |
| Briggs     | 15,903                | 33                    | 59.8                     | 15.5         | --                      | 36.8 | 232.03           | --                            |
| Choteau    | 15,214                | 27                    | 58.5                     | 15.9         | 53.7                    | 39.3 | 248.76           | 46.5                          |
| FBC Dylan  | 16,172                | 27                    | 57.8                     | 15.7         | --                      | 28.4 | 179.15           | --                            |
| Faller     | 14,289                | 30                    | 57.6                     | 15.3         | --                      | 37.3 | 234.51           | --                            |
| Freyr      | 16,152                | 30                    | 58.6                     | 15.2         | 66.6                    | 37.1 | 234.00           | 51.9                          |
| Glenn      | 15,719                | 30                    | 60.8                     | 16.1         | 66.6                    | 35.5 | 224.87           | 51.0                          |
| Howard     | 15,651                | 30                    | 58.5                     | 16.2         | 57.7                    | 38.2 | 242.03           | 47.9                          |
| Kelby      | 16,585                | 25                    | 58.9                     | 16.4         | --                      | 23.8 | 151.17           | --                            |
| Reeder     | 17,449                | 33                    | 59.0                     | 16.1         | 56.2                    | 33.1 | 209.98           | 44.7                          |
| Steele-ND  | 15,021                | 30                    | 58.3                     | 16.2         | 57.9                    | 37.1 | 234.81           | 47.5                          |
| Traverse   | 15,526                | 30                    | 56.1                     | 14.4         | --                      | 39.7 | 246.03           | --                            |
| Trial Mean | 15,746                | 29                    | 58.5                     | 15.8         | 60.9                    | 35.1 | 221.71           | --                            |
| CV %       | 3.6                   | 2.1                   | 0.7                      | --           | 4.8                     | 8.8  | --               | --                            |
| LSD 0.05   | 813                   | 1                     | 0.6                      | --           | 4.2                     | 4.4  | --               | --                            |

Planting Date: April 30, 2007

Harvest Date: August 13, 2007

Seeding Rate: 1.2 million live seeds/ac

Returns were calculated by multiplying the 2007 yield by protein premium or discount paid at the Southwest Grain Terminal located at Gladstone on September 4. The price paid on this date was \$6.24/bu, assuming that grain protein concentration was 14%. An additional \$.01/bu was paid for each additional 0.2% increase in grain protein up to 16%, above which an additional premium was not paid. Grain was discounted \$.02/bu for each 0.2% reduction in grain protein from 14% to 11%, below which no additional discount was not assigned. Returns factored in discounts for grain with a test weight <58 lb/bu [-\$.02/bu for 0.5 lb/bu between 58 and 57 lb/bu; -\$0.03/bu for 0.5 lb/bu between 57 and 55 lb/bu; -\$0.04/bu for 0.5 lb/bu between 55 and 52 lb/bu; and -\$0.05/bu for 0.5 lb/bu between 52 and 51 lb/bu].