| Variety | $\begin{gathered} \text { Days } \\ \text { to } \\ \text { Head } \end{gathered}$ | Seeds per Pound | Plant Height | Test <br> Weight | Protein | \% Plump | ------- Grain Yield-------- |  |  | Returns ${ }^{1}$ | Average Yield |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  | 2 | 3 |
|  |  |  |  |  |  |  | 2006 | 2007 | 2008 |  | Year | Year |
|  |  |  | in | lbs/bu | \% | >6/64 | ----- | bu/ac | ----- | \$/ac | ---- | c---- |
| Six Row |  |  |  |  |  |  |  |  |  |  |  |  |
| Drummond | 71 | 14,419 | 25 | 42.9 | 15.2 | 64.9 | 89.9 | 71.2 | 53.8 | 23.77 | 62.5 | 71.7 |
| Lacey | 73 | 15,248 | 22 | 43.9 | 14.2 | 56.8 | 88.4 | 79.3 | 53.6 | 23.64 | 66.5 | 73.8 |
| Legacy | 74 | 15,600 | 23 | 41.3 | 14.5 | 61.1 | 76.0 | 68.1 | 51.7 | 13.39 | 59.9 | 65.3 |
| Rasmusson | 72 | 14,862 | 23 | 43.0 | 14.0 | 62.8 | 103.1 | 75.1 | 53.5 | 22.43 | 64.3 | 77.2 |
| Robust | 73 | 16,039 | 25 | 44.1 | 14.8 | 57.9 | 89.8 | 70.8 | 49.2 | 11.15 | 60.0 | 69.9 |
| Stellar-ND | 73 | 13,468 | 23 | 41.1 | 13.8 | 67.5 | 83.8 | 69.3 | 50.4 | 8.73 | 59.8 | 67.8 |
| Tradition | 72 | 14,455 | 24 | 42.3 | 14.7 | 66.8 | 82.3 | 75.4 | 53.3 | 20.55 | 64.4 | 70.3 |
| Two Row |  |  |  |  |  |  |  |  |  |  |  |  |
| AC Metcalfe | 75 | 13,514 | 22 | 45.2 | 14.7 | 87.1 | 88.6 | 70.9 | 52.3 | 22.86 | 61.6 | 70.6 |
| Bowman | 74 | 11,550 | 24 | 46.3 | 15.1 | 87.8 | 85.8 | 70.6 | 55.4 | 33.39 | 63.0 | 70.6 |
| CDC Copeland | 77 | 13,180 | 22 | 43.4 | 15.5 | 81.9 | 80.9 | 68.7 | 45.8 | -0.60 | 57.2 | 65.1 |
| Conlon | 71 | 10,743 | 25 | 46.7 | 14.6 | 95.2 | 82.3 | 63.9 | 49.1 | 13.58 | 56.5 | 65.1 |
| Conrad | 76 | 13,035 | 21 | 47.0 | 15.8 | 83.1 | -- | 76.3 | 52.7 | 25.09 | 64.5 | -- |
| Eslick | 76 | 11,756 | 21 | 47.3 | 14.6 | 81.3 | 98.1 | 78.7 | 58.5 | 43.18 | 68.6 | 78.4 |
| Geraldine | 78 | 13,603 | 21 | 44.8 | 15.9 | 57.4 | -- | 70.8 | 51.6 | 19.31 | 61.2 | -- |
| Harrington | 76 | 13,796 | 22 | 43.8 | 15.8 | 74.5 | 78.6 | 63.3 | 47.5 | 5.83 | 55.4 | 63.1 |
| Haxby | 74 | 11,917 | 22 | 48.7 | 15.3 | 83.4 | 94.0 | 76.7 | 55.1 | 32.67 | 65.9 | 75.3 |
| Hockett | 74 | 11,642 | 21 | 46.7 | 14.4 | 86.8 | -- | 71.9 | 55.1 | 32.13 | 63.5 | -- |
| Pinnacle | 74 | 11,100 | 24 | 47.2 | 13.3 | 92.5 | 93.1 | 69.3 | 54.1 | 29.42 | 61.7 | 72.2 |
| Rawson | 73 | 10,527 | 25 | 47.5 | 13.7 | 93.3 | 91.1 | 66.4 | 54.9 | 31.83 | 60.7 | 70.8 |
| Scarlett | 77 | 13,151 | 18 | 46.4 | 15.0 | 89.0 | -- | 76.7 | 50.4 | 17.89 | 63.6 | -- |
| Trial Mean | 74 | 13,437 | 23 | 44.6 | 14.7 | 75 | 87.7 | 71.8 | 52.3 | 20.79 | -- | -- |
| CV \% | 1.0 | 5.7 | 6.2 | 3.0 | -- | 7.0 | 11.1 | 9.7 | 7.1 | 7.1 | -- | -- |
| LSD 0.05 | 1 | 1,087 | 2 | 1.9 | -- | 7 | 13.6 | NS | 5.2 | 16.16 | -- | -- |

## Planting Date: April 14, 2008

Harvest Date: July 30, 2008
Previous Crop: Field Pea
Seeding Rate: 1.2 million live seeds/ac
${ }^{1}$ Returns were calculated by multiplying the 2008 yields by the price paid for feed barley minus the test weight discount paid at the Southwest Grain Terminal located at Gladstone on September 9. The price paid on this date was $\$ 3.15 / \mathrm{bu}$ for grain with test weights heavier than $45 \mathrm{lb} / \mathrm{bu}$. Grain with a test weight of $45 \mathrm{lb} / \mathrm{bu}$ was discounted $\$ .03 / \mathrm{bu}$, with an additional discount of $\$ .04 /$ bu per pound down to $42 \mathrm{lb} / \mathrm{bu}$. Below $42 \mathrm{lb} / \mathrm{bu}$, an additional discount of $\$ .05 / \mathrm{bu}$ occurred per pound. Returns also deduct $\$ 141.02$, the sum of all listed costs from the December 2007 Farm Management Planning Guide Projected 2008 Crop Budgets South West North Dakota for barley.

