

**Fallow Hard Red Winter Wheat Variety - 2008**

**Williston Research Extension Center**

| Cultivar    | Winter Survival | Heading Date | Plant Height | KWT  | Test Weight | Grain Protein | Grain Yield     |      |      |          |
|-------------|-----------------|--------------|--------------|------|-------------|---------------|-----------------|------|------|----------|
|             | %               | fr 1/1       | inches       | gms  | lbs/b       | %             | 2006            | 2007 | 2008 | 3 yr avg |
|             |                 |              |              |      |             |               | -----bu/ac----- |      |      |          |
| Accipiter   | 34.7            | 167.5        | 24.4         | 22.0 | 55.8        | 14.7          | --              | --   | 30.9 | --       |
| Alice       | 1.1             | 158.0        | 22.2         | 27.6 | 58.8        | 13.3          | 31.5            | 72.5 | 5.9  | 36.6     |
| CDC Buteo   | 7.9             | 167.0        | 25.4         | 25.4 | 58.0        | 14.7          | 46.0            | 74.1 | 19.7 | 46.6     |
| CDC Falcon  | 10.6            | 164.0        | 23.6         | 22.5 | 55.0        | 14.5          | 38.5            | 73.1 | 19.9 | 43.8     |
| Darrel      | 4.6             | 165.5        | 25.6         | 30.5 | 56.7        | 14.1          | --              | 77.8 | 11.3 | --       |
| Elkhorn     | 27.0            | 166.0        | 25.8         | 24.5 | 55.1        | 14.9          | 36.5            | 67.1 | 26.1 | 43.2     |
| Expedition  | 0.0             | 163.5        | 23.0         | 30.2 | 57.1        | 14.0          | 36.8            | 65.5 | 4.2  | 35.5     |
| Harding     | 7.4             | 165.5        | 24.8         | 25.6 | 55.0        | 14.3          | 36.3            | 70.2 | 13.0 | 39.8     |
| Hawken      | 1.5             | 160.0        | 18.9         | 29.1 | 58.0        | 13.7          | --              | 70.7 | 2.9  | --       |
| Jagalene    | 2.2             | 160.0        | 23.6         | 29.6 | 58.9        | 13.9          | 38.3            | 67.8 | 11.6 | 39.2     |
| Jerry       | 6.3             | 166.0        | 25.8         | 30.5 | 57.0        | 14.2          | 36.1            | 79.6 | 20.0 | 45.2     |
| Kestrel     | 4.3             | 165.0        | 27.0         | 27.5 | 56.3        | 14.2          | 45.8            | 71.6 | 12.3 | 43.2     |
| Lyman       | 2.7             | 166.5        | 22.8         | 30.2 | 56.6        | 14.2          | --              | --   | 7.3  | --       |
| Millennium  | 15.0            | 169.0        | 36.2         | 24.8 | 54.4        | 14.6          | 42.1            | 72.3 | 11.2 | 41.9     |
| Morgan      | 8.1             | 168.0        | 26.8         | 25.0 | 55.5        | 14.7          | 41.6            | 74.4 | 17.4 | 44.5     |
| Norstar     | 33.5            | 169.5        | 33.3         | 22.3 | 55.2        | 15.8          | 39.8            | 68.9 | 26.1 | 44.9     |
| NuDakota    | 0.0             | IS           | IS           | IS   | IS          | IS            | --              | 72.8 | 0.0  | --       |
| Overland    | 3.6             | 164.5        | 22.3         | 29.9 | 59.0        | 13.7          | --              | --   | 9.4  | --       |
| Peregrine   | 21.7            | 167.5        | 31.7         | 22.2 | 55.9        | 14.9          | --              | --   | 23.1 | --       |
| Radiant     | 11.7            | 165.5        | 26.8         | 27.9 | 55.6        | 14.4          | 37.7            | 69.7 | 18.8 | 42.1     |
| Roughrider  | 46.8            | 163.5        | 28.6         | 25.7 | 58.3        | 15.3          | 39.4            | 71.4 | 35.7 | 48.8     |
| Wendy       | 15.7            | 157.0        | 21.5         | 27.2 | 59.8        | 14.9          | 39.1            | 75.4 | 19.8 | 44.8     |
| Wesley      | 5.0             | 158.5        | 20.5         | 31.3 | 57.5        | 14.4          | 36.7            | 73.6 | 9.9  | 40.1     |
| Yellowstone | 1.6             | 168.0        | 25.8         | 30.6 | 56.0        | 14.1          | 40.4            | 72.7 | 10.9 | 41.3     |
| EXP MEAN    | 10.2            | 164.5        | 25.5         | 27.3 | 56.7        | 14.2          | 36.4            | 72.5 | 14.9 | 41.3     |
| C.V. %      | 108.8           | 1.5          | 4.9          | 3.9  | 1.2         | 3.5           | 10.9            | 4.9  | 46.7 | 20.8     |
| LSD 5%      | 15.7            | 5.2          | 2.6          | 2.2  | 1.3         | 1.0           | 5.6             | 5.0  | 9.8  | 6.8      |

IS = Insufficient plants or seed to determine this character accurately.

These varieties not included in the statistical analysis.

Only two replications were used in the analysis.