

**Oat Variety Trial on Fallow**

**North Central Research Extension Center—Minot**

| Variety      | Plant Height | Test Weight | Grain Yield |       |       |        |        |
|--------------|--------------|-------------|-------------|-------|-------|--------|--------|
|              |              |             | 2010        | 2011  | 2012  | 2 Year | 3 Year |
|              | in           | lb/bu       | bu/A        |       |       |        |        |
| Newburg      | 51           | 34.9        | 177.3       | 122.4 | 152.1 | 137.3  | 150.6  |
| Souris       | 42           | 35.0        | 160.4       | 129.1 | 144.8 | 136.9  | 144.8  |
| Rockford     | 48           | 35.0        | 161.6       | 116.4 | 143.1 | 129.7  | 140.4  |
| HiFi         | 46           | 35.3        | 159.9       | 119.1 | 141.7 | 130.4  | 140.2  |
| Jury         | 50           | 34.8        | 165.5       | 122.3 | 126.1 | 124.2  | 138.0  |
| Stallion     | 47           | 34.5        | 140.7       | 104.5 | 167.9 | 136.2  | 137.7  |
| AC Pinnacle  | 45           | 33.8        | 164.8       | 98.5  | 146.1 | 122.3  | 136.5  |
| Killdeer     | 40           | 34.6        | 157.0       | 88.6  | 144.1 | 116.3  | 129.9  |
| Leggett      | 43           | 34.2        | 148.3       | 114.9 | 123.6 | 119.3  | 128.9  |
| Shelby 427   | 44           | 35.3        | 126.6       | 122.6 | 136.3 | 129.5  | 128.5  |
| CDC Minstrel | 46           | 34.1        | 143.9       | 98.1  | 139.5 | 118.8  | 127.1  |
| Beach        | 48           | 35.0        | 123.9       | 91.5  | 135.6 | 113.5  | 117.0  |
| CDC Dancer   | 43           | 34.9        | 121.9       | 86.2  | 136.4 | 111.3  | 114.9  |
| Furlong      | 45           | 34.0        | 148.3       | 74.2  | 121.8 | 98.0   | 114.8  |
| Stark        | 47           | 34.2        | 135.0       | 91.9  | 115.8 | 103.8  | 114.2  |
| Morton       | 49           | 33.8        | 120.0       | 76.3  | 138.5 | 107.4  | 111.6  |
| Hyttest      | 47           | 35.2        | 119.5       | 73.5  | 130.3 | 101.9  | 107.7  |
| Buff         | 44           | 35.0        | 86.6        | 67.3  | 115.7 | 91.5   | 89.9   |
| Horsepower   | 38           | 35.7        | --          | --    | 135.2 | --     | --     |
| Otana        | 48           | 34.0        | 144.0       | --    | 134.5 | --     | --     |
| Mean         | 45           | 34.8        | 140.8       | 101.2 | 136.6 | --     | --     |
| C.V.%        | 6.7          | 2.4         | 7.4         | 8.3   | 7.4   | --     | --     |
| LSD 10%      | 2            | 1.7         | 17.5        | 14.3  | 10.7  | --     | --     |

*Planted on April 24 with a seeding rate of 1 million PLS/A and harvested on August 2.*

*Previous Crop: summer fallow*

*Soil Type: Williams Loam*