

Oats Dryland Variety Trial - NDSU

WREC, Williston, ND 2019

| Variety | Days to heading | Plant height | Test weight [†] | Yield [#] | | |
|--------------|---------------------|--------------|--------------------------|--------------------|-----------|------------|
| | | | | 2019 | 2-Yr Avg* | 3-Yr Avg** |
| | (DAP ¹) | (in) | (lb/bu) | ------(bu/a)----- | | |
| Killdeer | 54 | 34.6 | 42.2 | 194.7 | 136.5 | 113.5 |
| CS Camden | 56 | 37.8 | 40.5 | 195.0 | 136.2 | 113.4 |
| Jury | 57 | 36.0 | 42.2 | 183.5 | 135.3 | 112.2 |
| Legget | 55 | 38.6 | 43.9 | 190.7 | 136.7 | 112.2 |
| CDC Dancer | 55 | 38.3 | 44.6 | 186.1 | 134.1 | 111.5 |
| Deon | 56 | 38.6 | 43.4 | 176.7 | 128.7 | 109.4 |
| AC Pinnacle | 54 | 42.8 | 44.8 | 166.3 | 125.0 | 107.6 |
| Hayden | 55 | 37.4 | 44.6 | 176.3 | 124.1 | 106.7 |
| Otana | 56 | 38.3 | 42.7 | 171.0 | 125.5 | 106.5 |
| Rockford | 55 | 38.2 | 45.0 | 184.6 | 128.1 | 106.3 |
| CDC Minstrel | 56 | 36.5 | 42.7 | 172.8 | 124.0 | 104.1 |
| HiFi | 56 | 37.3 | 43.5 | 164.0 | 121.1 | 101.3 |
| Souris | 54 | 36.1 | 44.2 | 162.2 | 117.4 | 100.0 |
| Newburg | 55 | 40.0 | 43.7 | 147.7 | 116.6 | 99.4 |
| Stallion | 55 | 38.6 | 42.9 | 156.6 | 120.3 | 97.0 |
| Beach | 54 | 36.7 | 45.3 | 138.0 | 110.7 | 92.6 |
| Hyttest | 54 | 37.3 | 45.7 | 127.1 | 92.5 | 78.3 |
| Paul | 57 | 41.9 | 51.8 | 120.1 | 87.7 | 72.7 |
| ORe3542M | 55 | 33.6 | 41.7 | 164.4 | - | - |
| ORe3541M | 54 | 33.3 | 44.1 | 146.8 | - | - |
| Warrior | 55 | 32.7 | 43.4 | 166.0 | - | - |
| Mean | 55 | 37.9 | 44.3 | 163.4 | - | - |
| CV (%) | 1.5 | 6.6 | 1.4 | 10.8 | - | - |
| LSD (5%) | 1.4 | 4.1 | 1.0 | 28.8 | - | - |
| LSD (10%) | 1.1 | 3.4 | 0.8 | 24.1 | - | - |

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft.

Previous crop: soybeans

Planted: 5-7-2019

Harvested: 8-21-2019

Soil test to 6" in ppm: OM=2.0% pH=5.2

Soil type: Williams-Bowbells loam.

Soil test to 24" in lb/a:

Applied fertilizers in lb/a:

[†]Protein adjusted to 12% moisture.[#]Yield reported on a 13.5% moisture basis.¹DAP = Days after planting.

Herbicide Application: Bison @ 1.5 pts/a (6/13/2019)