

Oat Variety Trial at Minot

| Variety | Days to Head | Plant Height | Lodging | Test Weight | Grain Yield | | | | |
|--------------|------------------|-----------------|------------------|----------------|-------------|-------|-------|---------|--------|
| | | | | | 2016 | 2017 | 2018 | Average | |
| | ¹ DAP | inches | ² 0-9 | lb/bu | bu/A | | | | |
| | | | | | 2016 | 2017 | 2018 | 2 year | 3 year |
| Hayden | 49 | 36 | 0 | 40.5 | 160.6 | 151.0 | 143.7 | 147.4 | 151.8 |
| Beach | 50 | 39 | 2 | 41.2 | 144.4 | 140.1 | 150.8 | 145.5 | 145.1 |
| AC Pinnacle | 52 | 38 | 1 | 39.1 | 150.9 | 144.7 | 136.1 | 140.4 | 143.9 |
| Deon | 51 | 38 | 1 | 38.7 | 164.8 | 136.3 | 125.6 | 131.0 | 142.2 |
| CDC Minstrel | 54 | 38 | 0 | 36.6 | 159.6 | 143.3 | 120.3 | 131.8 | 141.1 |
| HiFi | 49 | 38 | 1 | 38.3 | 154.2 | 147.7 | 117.6 | 132.7 | 139.8 |
| Leggett | 53 | 41 | 0 | 37.2 | 136.8 | 132.8 | 142.1 | 137.5 | 137.2 |
| CDC Dancer | 50 | 35 | 4 | 37.7 | 140.1 | 126.6 | 134.6 | 130.6 | 133.8 |
| Hyttest | 50 | 37 | 3 | 40.2 | 144.2 | 122.9 | 133.3 | 128.1 | 133.5 |
| Souris | 52 | 37 | 1 | 38.7 | 145.7 | 141.4 | 112.3 | 126.8 | 133.1 |
| Stallion | 49 | 35 | 1 | 37.8 | 121.6 | 139.5 | 130.9 | 135.2 | 130.7 |
| Otana | 48 | 37 | 4 | 40.4 | 136.3 | 136.3 | 113.4 | 124.9 | 128.7 |
| Rockford | 50 | 44 | 2 | 39.3 | 128.7 | 119.0 | 132.4 | 125.7 | 126.7 |
| Jury | 48 | 37 | 2 | 39.2 | 136.4 | 127.8 | 111.3 | 119.5 | 125.2 |
| Killdeer | 50 | 39 | 1 | 39.0 | 129.2 | 130.9 | 115.3 | 123.1 | 125.1 |
| Newburg | 49 | 36 | 2 | 40.7 | 147.6 | 119.7 | 92.7 | 106.2 | 120.0 |
| Paul | 53 | 43 | 2 | 45.4 | 102.0 | 99.9 | 103.3 | 101.6 | 101.7 |
| CS Camden | 51 | 36 | 0 | 36.5 | | 144.0 | 137.7 | 140.9 | |
| Trial Mean | 51 | 39 | 1 | 38.9 | 145.7 | 139.7 | 125.4 | -- | -- |
| C.V.% | 2.0 | 6.9 | 90 | 1.9 | 8.8 | 7.9 | 11.9 | -- | -- |
| LSD 5% | 2 | 4 | 2 | 1.2 | 21.0 | 18.0 | 24.1 | -- | -- |
| LSD 10% | 1 | 4 | 2 | 1.0 | 17.5 | 15.0 | 20.4 | -- | -- |

¹ DAP = Days after planting.² Lodging: 0 = none, 9 = lying flat on the ground.

Planted on May 4 with a seeding rate of 1 million PLS/A and harvested on August 8.

Previous Crop: 2015 = flax, 2016 & 2017 = soy.

Soil Type: Williams Loam

Tillage: No-till