



**SOUTH DAKOTA  
STATE UNIVERSITY**

College of Agriculture, Food and Environmental Sciences |  
SDSU Extension | South Dakota Agricultural Experiment Station

# 2026 South Dakota Oat Variety Trial Results - Sturgis

**David Karki** | SDSU Extension Agronomist  
**Melanie Caffé** | SDSU Oat Breeder  
**Shawn Hawks** | Agricultural Research Manager  
**Christopher Graham** | SDSU Extension Agronomist  
**Travis Iverson** | Agricultural Research Manager  
**Taylor Guiot** | Research Assistant

**Cooperator:** South Dakota State University Sturgis Research Farm

**Location:** 44.424167°, -103.376111°

**Soil type:** Nunn loam, 0-2% slopes

**Previous crop:** Peas

**Tillage:** No-till

**Row spacing:** 10"

**Seeding rate:** 1.2 million PLS/acre

**Fertilizer:**

- Starter: 10-25-O
- Other: 10 gal/acre

**Herbicide:**

- Burndown: Roundup 32oz/acre, Sharpen 4oz/acre - 3/30/26
- Post: Huskie 15oz/acre - 5/30/36

**Fungicide:** None

**Date seeded:** 3/30/26

**Date harvested:** 7/28/26



## 2026 South Dakota Spring Wheat Variety Trial Results Sturgis

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Table 1. 2026 spring wheat variety performance trial results (average of 4 replications) at Sturgis, SD. Entries are sorted by overall 3-year yield. Varieties yielding in the top 1/3 of the trial are bold and shaded light blue.

| Variety               | Test Wt (lbs/bu) | 2024<br>(bu/a)   | 2025<br>(bu/a) | 2026<br>(bu/a) | 2-year<br>(bu/a) | 3-year<br>(bu/a) |
|-----------------------|------------------|------------------|----------------|----------------|------------------|------------------|
| SD MOMENTUM           | 34.0             | not<br>harvested | <b>122.6</b>   | <b>68.9</b>    | <b>95.8</b>      | not<br>available |
| SD RANGER             | 32.9             |                  | <b>121.6</b>   | 55.9           | <b>88.8</b>      |                  |
| HAYDEN                | 32.7             |                  | <b>115.2</b>   | 59.3           | <b>87.2</b>      |                  |
| CS CAMDEN             | 32.2             |                  | 103.2          | <b>64.8</b>    | <b>84.0</b>      |                  |
| GOLIATH               | 30.6             |                  | <b>113.9</b>   | 49.7           | <b>81.8</b>      |                  |
| CDC ENDURE            | 30.7             | -                | 103.8          | 55.8           | 79.8             | -                |
| SD BUFFALO            | 35.1             | -                | 100.6          | 58.4           | 79.5             | -                |
| WARRIOR               | 34.0             | -                | 97.2           | <b>61.4</b>    | 79.3             | -                |
| MN PEARL              | 32.4             | -                | 100.2          | 54.4           | 77.3             | -                |
| DEON                  | 31.4             | -                | 96.9           | 51.1           | 74.0             | -                |
| SD SOLDIER            | 35.2             | -                | 93.1           | 54.0           | 73.6             | -                |
| SD TITAN              | 33.1             | -                | 99             | 46.1           | 72.5             | -                |
| RUSHMORE              | 33.6             | -                | 86.2           | 52.9           | 69.6             | -                |
| SHELBY427             | 34.9             | -                | 78.2           | 47.3           | 62.8             | -                |
| GMI2021Y2032          | 32.1             | -                |                | <b>64.5</b>    |                  | -                |
| MN-AMBER              | 34.9             | -                | -              | <b>63.1</b>    | -                | -                |
| ND MILLER             | 31.4             | -                | -              | 51.5           | -                | -                |
| ND WILLIAMS           | 33.0             | -                | -              | 61.1           | -                | -                |
| <b>Trial Average#</b> | 33.2             | -                | 106.1          | 58.2           | 82.2             | -                |
| <b>LSD(0.05)†</b>     | 2.6              | -                | 22.1           | 15.1           | -                | -                |
| <b>C.V.%‡</b>         | 5.6              | -                | 15.3           | 18.5           | -                | -                |

\* Lodging score: 1, perfectly standing; to 5, completely flat.

# Trial averages may include values from experimental lines that are not reported, yield is reported @13%M, protein is @12%M.

† Value required ( $\geq$ LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is considered acceptable.