



**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 - Volga

**David Karki** | SDSU Extension Agronomist

**Melanie Caffé** | SDSU Oat Breeder

**Shawn Hawks** | Agricultural Research Manager

**Jesse Hall** | SDSU CPT Trial Manager

**Cooperator:** SDSU Ag. Experiment Station, Volga Research Farm

**Location:** 44.302250°, -96.921049°

**Soil type:** Brandt silty clay loam, 0-2% slopes

**Previous crop:** Soybeans

**Tillage:** No-till

**Row spacing:** 8"

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

**Fertilizer:**

- Starter: 90 lb/acre 30-10-10
- Other: 80-30-30 broadcast preplant

**Herbicide:**

- Burndown: None
- Post: 24oz/ac Bronate

**Fungicide:** None

**Date seeded:** 4/15/2026

**Date harvested:** 7/28/2026



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## 2026 South Dakota Oat Variety Trial Results Volga

Table 1. 2026 oat variety performance trial results (average of 4 replications) at Volga, SD. Entries are sorted by overall 3-year yield. Varieties yielding in the top yielding group are shaded light blue.

| Variety               | Height<br>(in) | Lodging*<br>(1-5) | Test Wt<br>(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 SOLDIER            | 36             | 1                 | 37.1                | 116            | <b>139.1</b>   | 145.3          | <b>142.2</b>     | <b>133.5</b>     |
| SD MOMENTUM           | 36             | 1                 | 36.1                | <b>122.3</b>   | 120.6          | <b>153.9</b>   | <b>137.2</b>     | <b>132.3</b>     |
| SD TITAN              | 46             | 1                 | 35.0                | <b>119.1</b>   | 116.7          | <b>157.4</b>   | <b>137.1</b>     | <b>131.1</b>     |
| CDC ENDURE            | 43             | 1                 | 32.3                | <b>85.2</b>    | 105.9          | <b>158.6</b>   | <b>132.3</b>     | <b>116.6</b>     |
| SD RANGER             | 34             | 1                 | 34.9                | 70.7           | 124.2          | <b>151.6</b>   | <b>137.9</b>     | <b>115.5</b>     |
| DEON                  | 38             | 1                 | 34.5                | <b>81.0</b>    | 118.8          | 143.7          | 131.3            | 114.5            |
| CS CAMDEN             | 36             | 1                 | 30.4                | 71.2           | 105.7          | 148.0          | 126.9            | 108.3            |
| WARRIOR               | 33             | 1                 | 34.1                | 71.9           | 113.3          | 137.0          | 125.1            | 107.4            |
| SHELBY427             | 36             | 1                 | 35.1                | <b>81.0</b>    | 91.4           | 124.3          | 107.9            | 98.9             |
| HAYDEN                | 37             | 1                 | 33.8                | 57.9           | 104.0          | 130.6          | 117.3            | 97.5             |
| GOLIATH               | 42             | 5                 | 34.7                | 67.8           | 98.8           | 122.8          | 110.8            | 96.5             |
| SD BUFFALO            | 35             | 1                 | 34.1                | 49.0           | 90.0           | 133.5          | 111.8            | 90.9             |
| RUSHMORE              | 33             | 3                 | 34.3                | 51.2           | 84.5           | 112.3          | 98.4             | 82.7             |
| MN PEARL              | 36             | 1                 | 32.5                | 36.4           | 90.6           | 119.8          | 105.2            | 82.3             |
| GMI2021Y2032          | 28             | 1                 | 32.6                | –              | –              | 139.0          | –                | –                |
| MN-AMBER              | 35             | 1                 | 36.5                | –              | –              | 129.1          | –                | –                |
| ND MILLER             | 36             | 1                 | 34.4                | –              | –              | 144.5          | –                | –                |
| ND WILLIAMS           | 42             | 1                 | 33.6                | –              | –              | 150.1          | –                | –                |
| <b>Trial Average#</b> | 37             | 1                 | 34.8                | 79             | 115.5          | 145.3          | 130.4            | 113.3            |
| <b>LSD(0.05)†</b>     | –              | –                 | 0.6                 | 12.5           | 11.8           | 7.8            | –                | –                |
| <b>C.V.%‡</b>         | –              | –                 | 1.2                 | 11.2           | 7.2            | 3.8            | –                | –                |

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

# Trial averages may include values from experimental lines that are not reported.

† 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.