South Dakota State University

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

# 2026 South Dakota Corn Hybrid Trial Results - Renner

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**Location:** 4.5 miles east of Renner in Minnehaha County, SD, 43.649639, -96.627801
**Soil type:** Moody-Nora Complex, 2-6% slopes
**Previous crop:** Soybeans
**Tillage:** No-Till
**Row spacing:** 30 inches
**Seeding rate:** 32,000/acre
**Fertilizer:** 30-10-10 Starter + 140-40-50-15s broadcast preplant
**Herbicide:**

- Pre: 32 oz glyphosate, 8oz Clash, 32oz StalwartC
- Post 1: 3 oz Meso 4SC, 16oz Atrazine, 24 oz Glyphosate

**Date seeded:** 5/15/2026
**Date harvested:** 10/23/2026

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**Table 1.** Glyphosate-resistant corn hybrid performance results (average of 4 replications - Early Season Trial (102 day maturity or less) at Renner, SD.

| Hybrid Information | | Agronomic Performance | | | | | |
|---|---|---|---|---|---|---|---|
| **Brand** | **Hybrid** | **Maturity Rating** | **Yield Bu/A (15.5%)** | **Moisture (%)** | **Test Wt. (lbs/bu)** | **Lodging (%)** | **Final Stand (plants /A)** |
| WYFFELS HYBRIDS | W2105 | 99 | 217.9 | 15.8 | 56.2 | 1.0 | 32888 |
| HOEGEMEYER | 7205 PCE | 102 | 216.1 | 16.2 | 55.5 | 0.0 | 31363 |
| HOEGEMEYER | 7047 V | 100 | 213.2 | 15.2 | 57.1 | 0.0 | 31799 |
| WYFFELS HYBRIDS | W2867 | 102 | 212.5 | 15.6 | 56.7 | 0.7 | 32017 |
| RENK SEED | RK5699TRE | 100 | 211.3 | 16.0 | 55.5 | 2.3 | 32670 |
| RENK SEED | RK6610PCE | 101 | 208.4 | 16.5 | 56.4 | 0.0 | 32561 |
| RENK SEED | RK6555VT4PRO | 102 | 206.2 | 16.0 | 55.5 | 1.0 | 32017 |
| THUNDER SEED | T6701 TRE | 101 | 203.8 | 15.8 | 56.3 | 0.0 | 32670 |
| THUNDER SEED | T8800 SSP | 100 | 202.1 | 15.6 | 55.3 | 0.0 | 32343 |
| WYFFLES HYBRIDS | W2557RIB | 101 | 199.7 | 16.7 | 55.1 | 3.0 | 31254 |
| CHECK | DKC96-21RIB | 96 | 194.4 | 15.0 | 57.6 | 0.6 | 31908 |
| WYFFELS HYBRIDS | W2674RIB | 101 | 194.1 | 15.5 | 56.4 | 0.0 | 32343 |
| THUNDER SEED | T6700 PC | 100 | 179.4 | 15.4 | 56.0 | 0.7 | 30819 |
| **Trial Average** | | | 204.5 | 15.8 | 56.1 | 0.7 | 32050 |
| **LSD (0.05)†** | | | 12.6 | 0.9 | 0.7 | - | 16662 |
| **C.V.‡** | | | 4.3 | 3.9 | 0.9 | - | 3.6 |

* Lodging percentage - stalks broken below the ear as a percentage of the final stand.
† Yield or moisture value required (≥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 acceptable.

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# 2026 South Dakota Corn Hybrid Trial Results Renner

**Table 2.** Glyphosate-resistant corn hybrid performance results (average of 4 replications - Late Season Trial (103 day maturity or more) at Renner, SD.

| Hybrid Information | | Agronomic Performance | | | | | |
|---|---|---|---|---|---|---|---|
| **Brand** | **Hybrid** | **Maturity Rating** | **Yield Bu/A (15.5%)** | **Moisture** | **Test Wt. (lbs/bu)** | **Lodging (%)** | **Final Stand (plants /A)** |
| RENK SEED | RK6640TRE | 103 | 223.2 | 17.7 | 56.2 | 0 | 30710 |
| WYFFELS HYBRIDS | W3095RIB | 103 | 218.7 | 16.4 | 57.0 | 0 | 32779 |
| CHECK | DKC96-21RIB | 96 | 218.7 | 15.9 | 57.5 | 0 | 30928 |
| WYFFELS HYBRIDS | W4545 | 106 | 206.8 | 19.6 | 54.8 | 0 | 32126 |
| WYFFELS HYBRIDS | W4514RIB | 106 | 206.5 | 17.8 | 56.7 | 0 | 31037 |
| RENK SEED | RK6671SSPRO | 104 | 206.1 | 16.0 | 56.5 | 0 | 30710 |
| HOEGEMEYER | 7545 V | 105 | 202.8 | 16.4 | 56.9 | 0 | 31472 |
| HOEGEMEYER | 7698 V | 106 | 200.9 | 16.5 | 56.3 | 0 | 30710 |
| RENK SEED | RK6690PCE | 105 | 197.2 | 16.7 | 56.9 | 0 | 28205 |
| **Trial Average** | | | 208.3 | 16.9 | 56.6 | - | 31091 |
| **LSD (0.05)†** | | | 14 | 1.1 | 0.7 | - | 3032 |
| **C.V.‡** | | | 4.6 | 4.5 | 0.8 | - | 6.8 |

* Lodging percentage - stalks broken below the ear as a percentage of the final stand.
† Yield or moisture value required (≥LSD) to determine if varieties are significantly different from one another.
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