



**SOUTH DAKOTA
STATE UNIVERSITY**

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

2025 South Dakota Conventional Corn Hybrid Trial Results - Brookings

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Location: 2.5 miles north of Brookings, SD, 44.357961, -96.801702

Soil type: Vienna-Brookings complex, 0-2% slopes

Previous crop: Soybeans

Tillage: Conventional

Row spacing: 30 inches

Seeding rate: 32,000/acre

Fertilizer: 30-10-10 starter + 90lbs N as UAN

Herbicide:

- Pre: None
- Post 1: 3oz Callisto, 0.9oz Accent Q, 1% v/v CoC
- Post 2: 2oz Laudis, 1.5qt UAN, 1% v/v CoC

Insecticide: None

Date seeded: 5/9/2025

Date harvested: 10/22/2025



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Table 1. Conventional corn hybrid performance results (average of 4 replications) at Brookings, SD.

Hybrid Information		Agronomic Performance					
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants/A)
VIKING/BLUE RIVER	46-02	102	287.5	21.5	54.5	0	34630
VIKING/BLUE RIVER	75-07	107	285.3	22.9	54.1	0.3	33868
VIKING/BLUE RIVER	73-97	97	282.1	21.4	54.4	0	33650
RENK SEED	RK6545	102	281.6	21.9	54.8	0	32017
VIKING/BLUE RIVER	84-04	104	281.5	21.7	54.2	1	33868
RENK SEED	RK571	96	259.0	18.7	56.5	0.5	31037
RENK SEED	RK583	99	258.0	21.1	55.6	0	32017
Trial Average#			277.2	21.2	54.9	-	33010
LSD (0.05)†			14.6	1.1	0.6	-	1811
C.V. %‡			3.6	3.5	0.7	-	3.8

* Lodging percentage - stalks broken below the ear as a percentage of the final stand.

† Yield or moisture 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 acceptable.