South Dakota State University

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

2025 South Dakota Conventional Corn Hybrid Variety Trial Results - South Shore

David Karki | SDSU Extension Agronomist
Shawn Hawks | Agricultural Research Manager
Jesse Hall | CPT Program Trial Manager

Location: 8.5 miles west of South Shore in Codington County, SD, 45.106213, -97.087429
Soil type: Kranzburg-Brookings silty clay loams, 0-2% slopes
Previous crop: Spring Wheat
Tillage: Conventional
Row spacing: 30 inches
Seeding rate: 32,000/acre
Fertilizer: 90lbs 30-10-10 Starter + 200-0-50 broadcast preplant
Herbicide:

- Pre: 32oz Dual II + 1pt Atrazine
- Post 1: 3oz Callisto, 0.9oz Accent Q

Post 2: 2oz Laudis + 1 pt Atrazine

Insecticide: None
Date seeded: 5/8/2025
Date harvested: 10/27/2025

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Table 1. Conventional corn hybrid performance results (average of 4 replications) at South Shore, 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	42-92	92	279.1	25.2	51.3	0	32997
VIKING/BLUE RIVER	24-99	99	270.9	24.9	52.2	0	31690
CHECK	DKC099-11RIB	99	266.6	25.3	51.2	0	33432
JACOBSEN SEED	JS9711 CONV	97	260.7	23.2	53.2	0	33215
JACOBSEN SEED	JS9902 CONV	99	253.6	21.8	54.8	0	33432
JACOBSEN SEED	JS9553 CONV	95	252.6	23.1	53.3	0	30819
JACOBSEN SEED	JS9591 CONV	94	247.6	21.1	55.7	0	33759
RENK SEED	RK571	96	244.6	21.0	54.6	0	31799
RENK SEED	RK568	94	242.4	21.3	55.0	0	32343
JACOBSEN SEED	JS9491 CONV	94	241.1	21.4	54.6	0	32888
VIKING/BLUE RIVER	73-97	97	239.2	21.0	54.3	0	30601
RENK SEED	RK300	90	238.8	20.7	55.0	0	31581
Trial Average#			253.1	22.5	53.8	-	32380
LSD (0.05)†			11.6	0.8	0.7	-	1057
C.V. %‡			3.2	2.4	1.0	-	2.3

* 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.