



**SOUTH DAKOTA
STATE UNIVERSITY**

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

2025 South Dakota Conventional Soybean Variety Trial Results - Brookings

David Karki | SDSU Extension Agronomist
Shawn Hawks | Agricultural Research Manager
Jesse Hall | CPT Program Trial Manager
Lily Green | SDSU Student
Tyler Anderson | SDSU Student
Mitchell Kleeberger | SDSU Student
Autum Wittstruck | SDSU Student

Cooperator: SDSU Felt Family Research Farm

Location: 3 miles north of Brookings (57006) in Brookings County, SD, 44.363800, -96.792170

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

Previous crop: Corn

Tillage: Conventional

Row spacing: 30 inches

Seeding rate: 150,000/acre

Fertilizer: None

Herbicide:

- Pre: 1 pt/acre Dual II Magnum
- Post: 12 oz/acre Volunteer + 1 pt/acre Ultra Blazer

Insecticide: None

Date seeded: 5/9/2024

Date harvested: 10/9/2025



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Table 1. Conventional soybean performance results (average of 4 replications-**Maturity Group I**) at Brookings, SD.

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Moisture (%)	Yield (bu/ac@13%)	Lodging Score (1-5)*
VIKING/BLUE RIVER	17B6	1.7	10.5	62.5	1
VIKING/BLUE RIVER	19B5	1.9	10.7	57.3	1
MILLER HYBRIDS	1938C	1.9	10.3	57.1	1
RICHLAND IFC	MK41	1.1	10.6	55.2	1
BRUSHVALE SEED	12S642	1.2	10.7	54.3	1
BRUSHVALE SEED	14S301	1.4	10.6	53.5	1
RICHLAND IFC	MK146	1.4	10.6	52.3	1
VIKING/BLUE RIVER	15B5	1.5	10.6	52.0	1
MILLER HYBRIDS	1538C	1.5	10.4	49.6	1
RICHLAND IFC	MK1423	1.4	11.1	45.3	1
RICHLAND IFC	MK9102	1.2	10.3	43.4	1
RICHLAND IFC	SABLE	1.0	10.2	39.6	1
RICHLAND IFC	DECKER	1.1	10.3	39.4	1
Trial Average#			10.5	50.9	1
LSD (0.05)†			0.2	5.3	-
C.V. %‡			1.4	7.2	-

* Lodging Score (1 = no lodging to 5 = flat on the ground)
† Yield 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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Table 2. Conventional soybean performance results (average of 4 replications - **Maturity Group II**) at Brookings, SD.

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Moisture (%)	Yield (bu/ac@13%)	Lodging Score (1-5)*
VIKING/BUE RIVER	2022N	2	10.4	57.2	1
VIKING/BUE RIVER	23B5	2.3	10.6	53.1	1
MILLER HYBRIDS	2238C	2.2	10.8	49.6	1
RICHLAND IFC	MK373	2	10.6	41.9	1
Trial Average#			10.6	53	1
LSD (0.05)†			0.2	10.3	-
C.V. %‡			1.4	12.9	-
* Lodging Score (1 = no lodging to 5 = flat on the ground)					
† Yield 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.					