



**SOUTH DAKOTA
STATE UNIVERSITY**
College of Agriculture, Food
and Environmental Sciences

South Dakota State University Extension
South Dakota Agricultural Experiment Station at SDSU

2024 South Dakota Conventional Soybean Variety Trial Results South Shore

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Location: 8.5 miles west of South Shore in Codington County, SD
45.106776°, -97.096963°

Cooperator: SDSU Northeast Research Farm

Soil Type: Kranzburg-Brookings silty clay loams, 0-2% slopes

Fertilizer: none

Previous crop: corn

Tillage: conventional

Row spacing: 30 inches

Seeding Rate: 150,000/acre

Herbicide: Pre: 1 qt Dual II + Magnum + 8 oz Antares
Post: 12 oz Tapout + .125 oz Harmony 5g

Insecticide: none

Date seeded: 5/20/2024

Date harvested: 10/8/2024

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Table 1. Conventional soybean performance results (average of 4 replications - Maturity Groups 0 & I) at South Shore, SD.

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
MILLER HYBRIDS	1938	1.9	66.8	10.5	1
VIKING / BLUE RIVER	1223N	1.2	62.6	9.7	1
AG PERFORMANCE	AP0720	1.0	62.3	9.9	1.3
VIKING / BLUE RIVER	0821N	0.8	59.5	9.9	1
MILLER HYBRIDS	1538	1.5	59.4	10.6	1
AG PERFORMANCE	AP1621	1.6	57.5	10.0	1
BRUSHVALE	BS91615	1.2	57.4	10.0	1
CHECK	CHECK	1.5	57.3	10.2	1
VIKING / BLUE RIVER	1718N	1.7	56.9	10.0	1
VIKING / BLUE RIVER	19B5	1.9	56.9	10.2	1
VIKING / BLUE RIVER	15B5	1.5	55.9	10.1	1
RICHLAND IFC	MK41	1.1	54.8	10.0	2
BENSON HILL	E1993	1.9	54.7	11.2	1
BENSON HILL	E17Y993	1.7	54.0	9.9	1
SD AES	BROOKINGS	1.6	53.9	9.9	1
RICHLAND IFC	MK146	1.1	49.6	9.9	1
AG PERFORMANCE	AP1321	1.3	49.0	10.2	1
RICHLAND IFC	MK808CN	0.8	48.2	9.9	1
RICHLAND IFC	MK1423	1.4	44.1	10.3	1
RICHLAND IFC	DECKER	1.0	43.0	9.4	1.5
RICHLAND IFC	MK0603	0.6	39.9	9.8	1.8
RICHLAND IFC	MK9102	1.2	35.5	9.8	2
RICHLAND IFC	MK1023	1.0	34.1	10.0	1
Trial Average			52.7	10.0	1.2
LSD (0.05)†			3.2	-	-
C.V.‡			4.3	-	-

* 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.