

Table 2. Conventional soybean variety performance results (average of 4 replications) - **Maturity Group 1** at South Shore, SD.

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
Viking	O.1518N	1.5	65.8	12.9	1.3
Viking	1218N	1.2	65.0	12.5	1.8
Miller Hybrids	1598	1.5	64.3	13.6	1.8
CHECK	Check	1.4	63.4	12.9	1.5
SD AES	Brookings	1.7	61.8	13.2	1.5
Viking	O.1202N	1.2	61.0	12.6	1.3
Richland IFC	MK41	1.1	60.6	12.8	1.8
Sevita International	Skyline	1.1	56.1	13.3	1.8
Richland IFC	MK146	1.1	56.0	12.6	1.3
MN AES	MN1312CN	1.3	53.4	12.5	1.0
Richland IFC	MK9101	1.1	50.7	12.4	1.0
MN AES	MN1806CN	1.8	48.7	14.6	1.5
Richland IFC	MK1016	1	28.3	13.2	2.3
Trial Average			56.4	13.0	1.5
LSD (0.05)†			3.2	0.6	-
C.V.‡			4.0	3.1	-

*Lodging Score (1 = no lodging to 5 = flat on the ground).

† 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.



2019 South Dakota Conventional Soybean Variety Trial Results South Shore

Jonathan Kleinjan | SDSU Extension Crop Production Associate

Kevin Kirby | Agricultural Research Manager

Shawn Hawks | Agricultural Research Manager

Location:	8.5 miles west of South Shore (57263) in Codington County, SD (GPS: 45.106807°, -97.100099°)
Cooperator:	SDSU Northeast Research Farm - Allen Heuer, manager
Soil Type:	Kranzburg-Brookings silty clay loams, 0-2% slope
Fertilizer:	None
Previous crop:	Spring Wheat
Tillage:	Conventional
Row spacing:	30 inches
Seeding Rate:	150,000/acre
Herbicide:	Pre: 1 pt Dual II Magnum (s-metolachlor) Post: .33 oz/acre Harmony GT (thifensulfuron) + 12 oz Tapout 0.97L (clethodim)
Insecticide:	None
Date seeded:	5/31/2019
Date harvested:	10/29/2019