

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

Variety Information		Agronomic Performance			
Brand	Hybrid	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
Viking Seed	1218N	1.2	<b>65.8</b>	9.5	1.0
Check	CHECK	1.4	<b>64.4</b>	9.8	1.0
<b>SDAES</b>	<b>BROOKINGS</b>	<b>1.7</b>	<b>63.9</b>	10.1	2.0
Viking Seed	O.1202N	1.2	<b>63.2</b>	9.9	1.0
Viking Seed	1518N	1.5	<b>63.1</b>	10.1	1.3
Brushvale Seed	BS1512	1.4	<b>62.9</b>	9.7	1.5
Brushvale Seed	BS1146	1.1	61.6	9.7	1.0
Richland IFC	MK146	1.1	60.5	9.7	1.0
Richland IFC	MK41	1.1	59.7	9.7	2.0
MN AES	MN1613CN	1.6	59.4	9.8	1.5
MN AES	MN1701CN	1.7	59.1	10.2	2.0
Miller Hybrids	1968	1.9	58.5	10.4	1.0
MN AES	MN1312CN	1.3	58.1	9.6	1.0
MN AES	MN1806CN	1.8	56.5	10.4	1.0
Richland IFC	MK9101	1.1	50.5	11.0	1.3
Richland IFC	MK1016	1.0	45.6	9.7	3.3
<b>Trial Average</b>			59.2	10.0	1.5
<b>LSD (0.05)†</b>			3.7	0.3	0.4
<b>C.V.‡</b>			4.4	2.0	-

\*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.



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AGRONOMY, HORTICULTURE & PLANT SCIENCE DEPARTMENT

# 2018 South Dakota Conventional Soybean Variety Trial Results Volga

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<b>Location:</b>	1.5 miles south of Volga in Brookings County, SD (GPS: 44.298783°, -96.922157°)
<b>Cooperator:</b>	SDSU Volga Research Farm - Jack Ingemansen, manager
<b>Soil Type:</b>	Brandt silty clay loam, 0-2% slope
<b>Fertilizer:</b>	None
<b>Previous crop:</b>	Corn
<b>Tillage:</b>	Conventional
<b>Row spacing:</b>	30 inches
<b>Seeding Rate:</b>	165,000/acre
<b>Herbicide:</b>	Pre: 1 pt Dual II Magnum (s-metolachlor) Post: 1 pt Avalanche Ultra (acifluorfen)
<b>Insecticide:</b>	None
<b>Date seeded:</b>	5/18/2018
<b>Date harvested:</b>	10/20/2018