

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

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
Miller Hybrids	1968	1.9	67.2	15.4	1.0
SD AES	Brookings	1.7	65.4	15.1	1.8
Sevita International	Candor	1.9	63.3	15.0	1.5
Richland IFC	MK41	1.1	63.0	15.9	2.5
MN AES	EXP M09-285149	1.5	61.3	14.8	1.0
Check	CHECK	1.4	58.7	15.0	1.0
MN AES	EXP M10-238-2036	1.5	56.9	15.1	1.0
Richland IFC	MK146	1.1	56.7	14.6	1.0
MN AES	MN1312CN	1.3	56.6	14.7	1.0
MN AES	MN1806CN	1.8	52.9	14.1	1.0
Richland IFC	MK9101	1.1	49.8	11.8	1.0
Richland IFC	MK1016	1.0	33.3	16.5	2.8
<b>Trial Average</b>			57.1	14.8	1.4
<b>LSD (0.05)†</b>			3.1	0.3	-
<b>C.V.‡</b>			3.9	1.6	-

\*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 Beresford

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<b>Location:</b>	6 miles west and 3 miles south of Beresford (57432) in Clay county, SD (GPS: 43.045599° -96.899598°)
<b>Cooperator:</b>	SDSU Southeast Research Farm - Peter Sexton, manager
<b>Soil Type:</b>	Egan-Clarno-Trent complex, 0-2% slopes, non-irrigated
<b>Fertilizer:</b>	None
<b>Previous crop:</b>	Corn
<b>Tillage:</b>	No-till
<b>Row spacing:</b>	30 inches
<b>Seeding Rate:</b>	150,000/acre
<b>Herbicide:</b>	Pre: 32 oz Glyphosate + 1.33 pt Dual (s-metolachlor) + 3.5 oz Dimetric (metribuzin) + 1 oz Sharpen (saflufenacil) Post: 0.3 oz FirstRate (cloransulam) + 10 oz Flexstar (fomesafen) + 9 oz Select Max (clethodim) + 1% UAN + 1% COC
<b>Insecticide:</b>	None
<b>Date seeded:</b>	6/6/2019
<b>Date harvested:</b>	10/25/2019