



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

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

# 2022 South Dakota Soybean Variety Trial Results Renner

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**Location:** 4.5 miles east of Renner in Minnehaha County, SD  
43.645959°, -96.627758°

**Soil Type:** Moody-Nora complex, 2-6% slopes

**Fertilizer:** none

**Previous crop:** corn

**Tillage:** no till

**Row spacing:** 30 inches

**Seeding Rate:** 150,000/acre

**Herbicide:** Pre: 10.5 oz/acre metribuzin  
Post: 24 oz/acre glyphosate

**Insecticide:** none

**Date seeded:** 5/16/2022

**Date harvested:** 10/12/2022



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Table 1. Glyphosate-resistant soybean performance results (average of 4 replications - **Maturity Groups I & II**) at Renner, SD.

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
Farmer Check 1	18E245N	1.8	65.6	7.6	1.0
Dairyland Seed	DSR-2717E	2.7	<b>62.5</b>	7.9	1.0
LG Seeds	LGS1911XF	1.9	<b>62.3</b>	7.6	1.0
Check	AG15XF2	1.5	<b>61.6</b>	7.7	1.0
Dairyland Seed	DSR-2188E	2.1	<b>60.0</b>	7.8	1.0
LG Seeds	LGS1939E3	1.9	59.6	7.7	1.0
Miller Hybrids	2913CE3	2.9	59.1	8.1	1.0
Dairyland Seed	DSR-2562E	2.5	59.1	7.8	1.0
LG Seeds	LGS2244E3	2.2	59.0	8.0	1.0
Farmer Check 2	16E163N	1.3	57.4	7.6	1.0
LG Seeds	LGS2554XF	2.5	56.2	8.1	1.0
LG Seeds	LGS2334XF	2.3	55.5	8.2	1.0
<b>Trial Average</b>			59.8	7.8	1.0
<b>LSD (0.05)†</b>			2.5	0.3	-
<b>C.V.‡</b>			3.0	-	-

\* 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.