



Location: 1 mile north and 2 1/2 miles east of Reliance (57569) in Lyman county, SD (GPS: 43.891380°, -99.555983°)
 Cooperator: Schindler Farms
 Soil Type: McClure silty clay loam, 3-6% slopes
 Fertilizer: none
 Previous crop: corn
 Tillage: no-till
 Row spacing: 30 inches
 Seeding Rate: 150,000/acre
 Herbicide: Pre: 4 oz/acre Sulfentrazone + 4 oz/acre Metribuzin
 Post: 1.5 pt/acre Metolachlor + 8 oz/acre Clethodim 2EC + 2 oz/acre Imazethapyr
 Insecticide: None
 Date seeded: 5/11/2020
 Date harvested: 10/12/2020



2020 South Dakota Soybean Variety Trial Results Reliance

Table 1. Glyphosate-resistant soybean variety performance results (average of 4 replications - **Maturity Groups 1 & 2** at Reliance, SD).

Variety Information		Agronomic Performance			
Brand	Variety	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
LG Seeds	LGS2007RX	2.0	51.4	7.8	1.0
LG Seeds	LGS2417RX	2.4	51.3	7.7	1.0
LG Seeds	C1838RX	1.8	51.1	8.4	1.0
Miller Hybrids	2095GT	2.0	49.5	8.0	1.0
Renk Seed	RS248NX	2.4	48.6	7.9	1.0
LG Seeds	LGS2126RX	2.1	48.6	7.4	1.0
Check	14X0	1.4	47.4	9.0	1.0
Farmer Check	24X9	2.4	47.2	8.1	1.0
Miller Hybrids	2575GT	2.5	47.0	8.1	1.0
LG Seeds	LGS2444RX	2.4	47.0	6.5	1.0
Genesis	G2550E	2.5	42.6	8.0	1.0
LG Seeds	LGS1776RX	1.7	42.4	8.9	1.0
Trial Average			47.7	8.0	1.0
LSD (0.05)†			3.6	0.4	-
C.V.‡			5.2	3.8	-

Approx. \$60/unit

Approx. \$29/unit

*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.