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SOUTH DAKOTA STATE UNIVERSITY®
AGRONOMY, HORTICULTURE & PLANT SCIENCE DEPARTMENT

2018 South Dakota Liberty Link Soybean Variety Trial Results South Shore

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Location:	8.5 miles west of South Shore (57263) in Codington County, SD GPS: 45.106969°, -97.098609°
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:	165,000/acre
Herbicide:	Pre: 1 pt Dual II Magnum (s-metolachlor) Post: .083 oz Harmony SG (thifensulfuron)
Insecticide:	None
Date seeded:	5/22/2018
Date harvested:	10/16/2018

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

Variety Information		Agronomic Performance			
Brand	Hybrid	Maturity Rating	Yield (bu/ac@13%)	Moisture (%)	Lodging Score (1-5)*
Peterson Farms Seed	L11-18N	1.1	72.7	15.9	1.0
Thunder Seed	5712 LLN	1.2	70.1	15.0	1.5
Thunder Seed	5814 LLN	1.4	69.6	16.6	1.8
Legend Seeds	LS 1527LLN	1.5	68.6	14.7	1.0
Dairyland Seed	DSR-1209L	1.2	68.1	14.7	1.3
Dairyland Seed	DSR-1429L	1.4	67.3	15.1	1.0
Thunder Seed	5717 LLN	1.7	66.1	14.7	1.5
Miller Hybrids	13279LL	1.3	65.1	14.6	1.3
Thunder Seed	5411 LLN	1.1	64.9	13.8	1.0
Dairyland Seed	DSR-1628L	1.6	63.4	14.9	1.0
Check	CHECK	1.4	61.7	15.1	1.5
Trial Average			67.0	15.0	1.3
LSD (0.05)†			3.8	0.8	0.6
C.V.‡			4.0	3.9	-

*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.