



**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 Corn Hybrid Trial Results South Shore

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**Location:** 8.5 miles west of South Shore (57263) in Codington County, SD  
45.106840°, -97.099932°

**Cooperator:** South Dakota State University Northeast Research Farm

**Soil Type:** Kranzburg-Brookings silty clay loams, 0-2% slope

**Fertilizer:** 90 lb/acre 30-10-10 starter + 200-0-60 broadcast preplant

**Previous crop:** soybeans

**Tillage:** conventional

**Row spacing:** 30 inches

**Seeding Rate:** 32,000/acre

**Herbicide:** Pre: none  
Post: 32 oz/acre Roundup PowerMax

**Date seeded:** 5/24/22

**Date harvested:** 10/25/22



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UNIVERSITY EXTENSION**

Table 1. Glyphosate-resistant corn hybrid performance results (average of 4 replications - **Early Season Trial** (95 day maturity or less) at South Shore, SD.

Hybrid Information		Agronomic Performance					
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants/A)
Thunder Seed	T6992 VT2P	92	<b>238.8</b>	17.0	56.9	0.0	30900
Dairyland Seed	DS-3477AM	94	<b>233.7</b>	17.3	57.1	0.0	29600
Jacobsen Seed	JS7095VT2 PRO	95	<b>232.9</b>	18.6	57.8	0.0	31700
Thunder Seed	T6595 VT2P	95	<b>230.6</b>	18.8	58.5	0.7	30600
Jacobsen Seed	JS5044DGVT2 PRO	95	<b>229.6</b>	17.5	58.9	0.0	30300
Jacobsen Seed	JS7096VT2 PRO	95	221.5	18.2	58.2	0.0	29200
Dahlman Seed	R47-24VT2PRIB	94	220.9	17.8	57.0	0.3	30900
Dairyland Seed	DS-3203AM	92	220.8	17.3	58.1	0.0	26800
Thunder Seed	T6396 VT2P	95	220.7	18.2	57.0	0.0	29300
Dahlman Seed	R46-313SSRIB	94	220.2	16.9	57.6	0.0	30200
Thunder Seed	T6294 VT2P	94	219.6	18.4	58.6	0.0	29300
Legacy Seeds	LC-414-21 VT2P	91	219.2	16.6	58.9	0.3	31600
Dahlman Seed	R45-236VT2PRIB	91	219.2	16.9	58.6	0.0	30800
Dahlman Seed	R46-27VT2PRIB	92	217.9	17.6	58.3	0.0	29700
Dahlman Seed	R43-24VT2PRIB	86	216.4	16.5	57.9	0.0	31400
Renk Seed	RK502SSTX	95	216.0	19.1	55.7	0.0	28200
Check	DKC48-95RIB	98	212.7	18.9	57.6	0.0	28300
Jacobsen Seed	JS7042VT2 PRO	91	212.2	17.4	57.9	0.0	30400
Renk Seed	RK444VT2P	93	211.7	19.4	56.0	0.8	27600
Renk Seed	RK485DGVT2P	94	211.2	18.1	58.2	0.0	29600
Dahlman Seed	R42-28VT2PRIB	85	210.7	15.8	58.7	0.0	30000
Jacobsen Seed	JS7045VT2 PRO	95	210.6	17.9	57.4	1.0	30300
Proseed	2392 VT2PRIB	92	210.4	16.6	59.4	0.3	29700
Jacobsen Seed	JS7040VT2 PRO	92	207.3	17.4	57.4	0.0	29700
Dahlman Seed	R45-25VT2PRIB	90	202.7	16.8	56.4	0.0	30500
Farmer Check 1	NK8760	87	200.2	17.4	59.0	0.0	29400
Farmer Check 2	NK9175 5222A	91	195.5	15.5	58.7	0.0	30000
<b>Trial Average</b>			217.2	17.5	57.8	0.1	29900
<b>LSD (0.05)†</b>			12.7	1.4	1.0	-	1200
<b>C.V.‡</b>			4.2	-	-	-	-

\* Lodging percentage - stalks broken below the ear as a percentage of the final stand.  
† 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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Table 2. Glyphosate-resistant corn hybrid performance results (average of 4 replications - **Late Season Trial** (96 day maturity or more) at South Shore, SD.

Hybrid Information		Agronomic Performance					
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants/A)
Thunder Seed	T6300 VT2P	100	<b>247.1</b>	19.5	55.1	0.0	31100
Dairyland Seed	DS-3601AM	96	229.3	18.3	56.0	0.0	28800
Jacobsen Seed	JS5091DGVT2PRO	98	226.1	20.8	55.2	0.0	30500
Legacy Seeds	LC474-20 TRE	97	225.2	20.3	55.1	0.0	32000
Jacobsen Seed	JS7046VT2 PRO	96	224.5	20.9	53.7	0.0	30000
Jacobsen Seed	JS7001VT2 PRO	98	224.4	19.5	56.3	0.0	32300
Dairyland Seed	DS-3727AM	97	224.4	20.3	55.1	0.0	28400
Jacobsen Seed	JS9049SS	98	222.4	19.9	56.1	0.0	29900
Dairyland Seed	DS-3959AM	99	222.0	19.9	54.4	0.0	29500
Jacobsen Seed	JS8053TRE	98	221.8	20.2	54.0	0.0	30600
Legacy Seeds	LC482-21 VT2P	96	221.2	18.7	56.7	0.0	31800
Dairyland Seed	DS-3900AM	99	218.5	20.5	55.5	0.0	30600
Jacobsen Seed	JS7047VT2 PRO	97	216.8	21.5	54.3	0.0	30500
Thunder Seed	T6298 VT2P	98	216.7	19.7	55.0	0.0	31600
Proseed	2196 VT2PRIB	96	216.5	21.0	55.0	0.0	29300
Proseed	2398 TRE	98	216.5	17.8	56.3	0.0	30600
Thunder Seed	T6999 VT2P	99	214.9	18.9	56.6	0.0	30500
Thunder Seed	T6398 TRE	98	214.6	21.4	52.5	0.0	30400
Farmer Check 1	NK8618-3210A	86	208.0	17.9	57.6	0.0	27000
Check	DKC48-95RIB	98	200.1	19.9	56.4	0.0	28400
Farmer Check 2	LG36C62	86	194.3	20.4	55.8	0.0	29100
<b>Trial Average</b>			219.3	19.9	55.4	0.0	30100
<b>LSD (0.05)†</b>			12.3	1.2	1.1	-	1100
<b>C.V.‡</b>			4.0	-	-	-	-

\* Lodging percentage - stalks broken below the ear as a percentage of the final stand.  
† 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.