



**SOUTH DAKOTA
STATE UNIVERSITY**

College of Agriculture, Food and Environmental Sciences |
SDSU Extension | South Dakota Agricultural Experiment Station

2025 South Dakota Corn Hybrid Trial Results - Brookings

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Cooperator: SDSU Felt Family Research Farm

Location: 2.5 miles north of Brookings, SD, 44.357961, -96.801702

Soil type: Vienna-Brookings complex, 0-2% slopes

Previous crop: Soybeans

Tillage: Conventional

Row spacing: 30 inches

Seeding rate: 32,000/acre

Fertilizer: 30-10-10 starter + 90lbs N as UAN

Herbicide:

- Pre: None
- Post 1: 30 oz Roundup Powermax 3
- Post 2: 2oz Laudis, 1.5 qt UAN, CoC 1% v/v, 30 oz Roundup Powermax 3

Insecticide: None

Date seeded: 5/9/2025

Date harvested: 10/22/2025



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Table 1a. Glyphosate-resistant corn hybrid performance results (average of 4 replications - **Early Season Trial** (100 day maturity or less) at Brookings, SD.

Hybrid Information		Agronomic Performance					Final Stand (plants /A)
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	
THUNDER SEED	T6700 PC	100	284.1	19.9	55.6	0	33106
JACOBSEN SEED	JS9863VT4P	98	283.7	20.1	55.9	0	33759
RENK SEED	RK5518TRE	97	283.2	20.4	56.2	1.5	32779
WYFFELS	W1996RIB	98	281.7	19.9	55.7	0	33432
PETERSON FARMS SEED	85Q98	98	275.8	19.5	57.5	0	33106
JACOBSEN SEED	JS0034SSP	100	274.5	21.5	55.2	0	32888
WYFFELS HYBRIDS	W1599	96	273.9	19.6	55.2	0	33650
MUSTANG SEEDS	44G97 VT4P RIB	97	273.8	18.9	56.1	0.3	32888
HOEGEMEYER HYBRIDS	6653 V	96	273.7	19.0	56.4	0.8	33541
MUSTANG SEEDS	45N98 PCE RA	98	272.5	19.9	55.7	0.5	33106
MUSTANG SEEDS	49H98 SS PRO RIB	98	272.3	19.5	57.1	0	33323
JACOBSEN SEED	JS0342DGV2P	100	272.1	22.0	53.1	0	32670
THUNDER SEED	T8598 SS	98	271.5	19.4	57.5	0	33323
RENK SEED	RK586VT4PRO	99	270.4	20.0	56.5	0	33541
THUNDER SEED	T6498 PC	98	266.7	19.6	56.1	0.5	32343
JACOBSEN SEED	JS0114VT2P	100	265.6	20.8	54.4	0	32452
RENK SEED	RK444SSTX	95	263.1	19.5	57.0	0.3	31037
RENK SEED	RK582SSTX	98	262.1	18.8	56.5	0	32997
JACOBSEN SEED	JS9904SS	99	260.7	19.8	56.6	0	33215
WYFFELS HYBRIDS	W1869RIB	97	260.0	18.8	57.4	0	33541
HOEGEMEYER HYBRIDS	6965 V	99	259.3	18.5	55.1	0	32888
PETERSON FARMS SEED	85W96	96	259.2	18.8	57.4	0.3	32997
RENK SEED	RK561DGV2P	95	257.5	18.4	57.2	0	33106
RENK SEED	RK583PCE	99	255.4	20.9	56.3	0.3	31254
RENK SEED	RK5522SSPRO	96	255.1	18.0	55.4	0.5	31908
PETERSON FARMS SEED	71R95	95	253.8	18.5	58.6	0	33106
PETERSON FARMS SEED	74A97	97	251.5	19.3	56.6	0.3	30383
RENK SEED	RK579DGV2P	99	248.3	20.3	56.3	0	32888
Trial Average#			267.7	19.7	56.2	-	32842
LSD (0.05)†			17.8	0.7	0.6	-	1690
C.V. %‡			4.7	2.7	0.8	-	3.7

* 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** (101 day maturity or more) at Brookings, SD.

Hybrid Information		Agronomic Performance					Final Stand (plants /A)
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	
MUSTANG SEEDS	69Z08 SS PRO RIB	108	294.7	24.7	53.5	0	32888
HOEGEMEYER	7591 V	105	289.4	21.7	55.7	0.5	32561
RENK SEED	RK630TRE	102	289.0	23.3	53.2	0	33106
DAIRYLAND	DS-4488PCE	104	280.2	22.4	53.6	0	32888
THUNDER SEED	T6902 VT2P	102	280.0	20.9	55.2	0	33106
WYFFELS HYBRIDS	W3654	104	279.8	21.4	55.4	0	31145
RENK SEED	RK6555VT4PRO	102	279.1	22.1	53.8	0	31037
WYFFELS HYBRIDS	W3309RIB	103	275.5	20.7	55.4	0	32670
WYFFELS HYBRIDS	W4514	106	274.8	22.3	54.5	0.8	31690
WYFFELS HYBRIDS	W2557	101	274.0	22.0	53.9	0.3	31581
RENK SEED	RK6545PCE	102	273.2	21.3	55.0	0.5	31145
THUNDER SEED	T6602 TRE	102	273.1	23.5	54.1	0	29839
THUNDER SEED	T8502 DC	102	272.9	22.1	55.2	1	33323
WYFFELS HYBRIDS	W3579RIB	105	272.2	20.7	54.2	0	29403
PETERSON FARMS SEED	77Z03	103	271.8	21.4	55.5	0.5	32561
DAIRYLAND	DS-4191V	101	271.0	20.2	56.9	0.3	33106
PETERSON FARMS SEED	75V01	101	266.5	20.7	55.0	0.8	32126
WYFFELS HYBRIDS	W2674	101	265.9	20.0	55.5	0	32452
HOEGEMEYER	7157 V	101	265.3	19.8	56.9	0	32997
MUSTANG SEEDS	54H03 VT4P RIB	103	265.0	21.1	56.4	0.5	32343
Trial Average#			271.1	21.6	54.9	-	32115
LSD (0.05)†			16	1.2	0.7	-	1263
C.V. %‡			4.1	4.1	0.9	-	2.8

* 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.