South Dakota State University

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

2026 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: Wheat
Tillage: Conventional
Row spacing: 30 inches
Seeding rate: 32,000/acre
Fertilizer: 90 lbs 30-10-10 starter + 200-0-100-25
Herbicide:

- Pre: None
- Post 1: .9oz Accent Q, 2oz Laudis, 3oz Callisto, .6 gallon Crop Oil, 3qt liquid AMS
- Post 2: 3oz Capreno, 1.5pt COC, 3qt liquid AMS

Date seeded: 5/4/2026
Date harvested: 10/20/2026

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Table 1. Glyphosate-resistant and Conventional Corn Hybrid performance results (average of 4 replications - Early Season Trial (100 day maturity or less) at Brookngs, SD. All hybrids are treated conventionally.

Hybrid Information		Agronomic Performance					
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture (%)	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants /A)
RENK SEED	RK5699TRE	100	275.8	16.1	57.2	3.3	32779
PETERSON FARMS SEED	77D99	99	274.1	16.0	57.3	4.5	33759
JACOBSEN SEED	JS0205TRE	100	269.8	15.5	58.0	0.6	34412
AGVENTURE	AV1799V	99	268.9	14.8	57.8	1.3	33432
THUNDER SEED	T8800 SSP	100	267.9	16.0	56.8	0.3	32126
HOEGEMEYER	7047 V	100	263.6	15.0	57.5	1.6	34195
AGVENTURE	AV4098V	98	260.5	15.1	57.0	0.0	33432
WYFFELS HYBRIDS	W2105	99	257.1	15.2	57.9	1.9	34304
PETERSON FARMS SEED	91V98	98	254.8	15.0	57.4	1.0	34304
JACOBSEN SEED	JS0114VT2P	99	254.3	15.2	57.2	0.0	31581
RENK SEED	RK5518TRE	97	254.0	14.9	59.4	11.7	34086
AGVENTURE	AV7196PCE	96	253.4	14.7	57.6	2.9	33323
AGVENTURE	AV4900V	100	252.3	15.2	59.0	4.4	34957
AGVENTURE	AV3297 CONV	97	250.3	14.5	58.3	2.3	33650
MILLER HYBRIDS	M99-76 CONV	99	248.7	15.5	58.9	2.6	33650
VIKING|BLUE RIVER	67-00	100	248.0	15.1	58.6	4.2	33432
PETERSON FARMS SEED	82S96	96	247.7	14.5	57.3	0.0	32234
AGVENTURE	AV2796V	96	247.7	14.7	58.4	4.6	32997
CHECK	DKC96-21RIB	96	245.5	15.0	58.0	1.7	33650
JACOBSEN SEED	JS9762VT2P	95	245.4	15.3	59.0	2.0	32779
AG PERFORMANCE	EX 34-63	100	244.2	15.4	58.9	3.7	34848
MILLER HYBRIDS	M98-00AA	98	242.2	15.1	58.8	8.0	35175
THUNDER SEED	T6999 VT2P	99	240.3	14.0	59.1	3.0	32234
AG PERFORMANCE	970	97	240.2	14.7	58.4	0.3	32234
THUNDER SEED	T6700 PC	100	238.5	15.2	58.1	2.8	32017
PETERSON FARMS SEED	85W96	96	237.7	14.5	58.6	0.0	31690
PETERSON FARMS SEED	85Q98	98	236.2	14.5	59.7	0.7	30819
RENK SEED	RK5670VT4PRO	99	230.6	14.7	57.4	5.0	33868
PETERSON FARMS SEED	72D95	95	222.7	14.4	59.7	46.6	32234
Trial Average			250.8	15	58.2	4.2	33248
LSD (0.05)†			12.6	0.4	0.5	-	1910
C.V.‡			3.6	1.8	0.7	-	3.1

* Lodging percentage - stalks broken below the ear as a percentage of the final stand.
† Yield or moisture value required (≥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 and Conventional Corn Hybrid performance results (average of 4 replications)- Late Season Trial (101 day maturity or more) at Brookngs, SD. All hybrids are treated conventionally.

Hybrid Information		Agronomic Performance					
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants /A)
HOEGEMEYER HYBRIDS	7369 V	103	271.8	15.5	58.8	0.7	32997
AGVENTURE	AV3904V	104	268.4	16.0	57.1	0.6	33977
THUNDER SEED	T8703 SSP	103	267.3	15.3	57.4	10.7	34521
WYFFELS HYBRIDS	W4514RIB	106	266.6	16.1	57.5	5.9	31145
RENK SEED	RK6640TRE	103	265.1	15.8	57.8	1.9	33977
AGVENTURE	AV6702PCE	102	262.5	15.6	56.5	0.3	32888
AG PERFORMANCE	1050	105	262.2	16.5	58.1	4.1	32343
WYFFELS HYBRIDS	W4545	106	261.9	16.4	56.9	2.7	33215
HOEGEMEYER HYBRIDS	7205 PCE	102	261.8	15.3	56.6	2.0	33323
AGVENTURE	AV2501V	101	260.9	15.3	59.4	1.6	34086
AG PERFORMANCE	1072	107	260.7	16.8	57.2	0.6	35284
WYFFELS HYBRIDS	W3095RIB	103	259.8	15.4	58.2	0.3	34521
AGVENTURE	AV9603V	103	258.4	15.6	58.4	0.0	32343
THUNDER SEED	T6504 PC	104	257.4	15.5	57.9	1.4	32017
VIKING|BLUE RIVER	66-05	105	256.9	16.5	57.8	3.0	31472
AG PERFORMANCE	1040	104	256.3	16.2	57.8	1.8	30383
THUNDER SEED	T6701 TRE	101	255.8	15.1	57.7	1.3	33106
PETERSON FARMS SEED	92W01	101	252.9	15.5	58.8	0.6	34630
AG PERFORMANCE	1020	102	251.9	15.6	58.2	2.9	30056
WYFFELS HYBRIDS	W2867	102	245.8	15.0	58.4	1.9	33432
JACOBSEN	JS0342DGVT2P	102	245.4	15.3	56.9	4.0	32452
JACOBSEN	JS0593PCE	103	244.0	16.6	56.4	1.6	33868
CHECK	(DKC96-21RIB)	96	241.6	15.1	57.9	2.0	34086
WYFFELS HYBRIDS	W2674RIB	101	238.6	15.2	58.5	2.3	33541
MILLER HYBRIDS	M06-62 CONV	106	237.4	16.7	56.9	6.4	31037
RENK SEED	RK6610PCE	101	237.4	16.0	57.8	1.0	34195
WYFFLES HYBRIDS	W2557RIB	101	231.8	15.0	56.6	4.2	31363
RENK SEED	RK6555VT4PRO	102	199.0	15.3	56.5	24.6	31254
Trial Average			252.4	15.7	57.6	3.2	32914
LSD (0.05)†			15.7	0.5	0.5	-	1930
C.V.‡			4.4	2.3	0.7	-	4.2

* Lodging percentage - stalks broken below the ear as a percentage of the final stand.
† Yield or moisture value required (≥LSD) to determine if varieties are significantly different from one another.
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