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 - Bancroft

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Cooperator: Weerts Farms, Inc.
Location: 3 miles North and .5 miles West of Bancroft, SD, 44.527131, -97.763570
Soil type: Barnes clay loam, 0-2% slopes
Previous crop: Soybeans
Tillage: Strip-till
Row spacing: 30 inches
Seeding rate: 32,000/acre
Fertilizer: 90 lbs 30-10-10 starter + 300 lbs Urea
Herbicide:

- Pre: 32oz Triple Flex
- Post 1: 16oz AR Axis, 3oz Laudis, 6.4oz MSO coc, 30oz Roundup Powermax 3

Date seeded: 5/12/2026
Date harvested: 10/22/2026

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

Hybrid Information		Agronomic Performance						
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture (%)	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants /A)	Green-snap (%)
AGVENTURE	AV4098V	98	281.7	15.0	56.8	0.3	32997	1.3
AGVENTURE	AV1799V	99	270.8	14.8	57.3	0.0	32452	5.1
JACOBSEN SEED	JS9635TRE	95	260.6	14.9	58.4	0.0	33106	4.6
THUNDER SEED	T8800 SSP	100	251.9	16.1	57.1	0.3	30601	15.5
AGVENTURE	AV7196PCE	96	251.6	14.7	57.8	0.3	31799	10.3
RENK SEED	RK5670VT4PRO	99	251.0	15.6	57.2	1.0	31254	3.9
PETERSON FARMS SEED	91V98	98	248.8	15.3	57.3	1.1	30928	17.5
AGVENTURE	AV 2796V	96	248.2	14.6	58.3	0.7	31472	10.0
AGVENTURE	AV3395	95	247.9	14.4	56.1	0.0	31581	17.3
JACOBSEN SEED	JS0205TRE	100	246.4	15.6	58.1	0.0	31690	19.1
RENK SEED	RK5518TRE	97	239.5	14.7	59.5	0.0	31799	22.0
AGVENTURE	AV4900V	100	236.5	15.3	59.0	1.1	30819	18.5
HOEGEMEYER	6584 V	95	231.4	14.8	54.7	1.1	30056	14.8
PETERSON FARMS SEED	77D99	99	229.3	16.3	57.5	0.4	29730	27.8
PETERSON FARMS SEED	72D95	95	227.1	14.6	59.2	1.0	30601	19.6
PETERSON FARMS SEED	85Q98	98	222.8	14.0	60.0	0.0	30601	10.5
PETERSON FARMS SEED	85W96	96	220.3	14.5	59.1	0.0	31472	14.4
THUNDER SEED	T6700 PC	100	218.5	14.9	58.7	2.6	30383	20.0
CHECK	DKC96-21RIB	96	216.7	15.1	59.2	0.0	31254	33.3
RENK SEED	RK5699TRE	100	212.6	17.1	57.2	0.0	31908	35.3
THUNDER SEED	T6999 VT2P	99	207.0	14.0	60.1	0.4	31254	21.3
JACOBSEN SEED	JS9762VT2P	95	200.3	14.9	60.2	0.0	31581	27.1
HOEGEMEYER	6026 PCE	90	192.6	14.3	59.1	0.7	30928	24.0
PETERSON FARMS SEED	82S96	96	190.4	14.2	57.4	0.7	29948	30.1
JACOBSEN SEED	JS0114VT2P	99	102.4	15.2	57.9	0.0	28096	74.8
Trial Average			228.3	4.9	58.1	0.5	31132	19.9
LSD (0.05)†			30.3	0.7	0.7	-	1618	13.8
C.V.‡			9.4	3.1	0.9	-	3.7	49.2

* 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.
‡ C.V. is a measure of variability or experimental error, 15% or less is acceptable.
§ Greensnap percentage- stalks broken completely (snapped) due to high wind in early growth stage presented as a percentage of the final stand.

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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 Bancroft, SD.

Hybrid Information		Agronomic Performance						
Brand	Hybrid	Maturity Rating	Yield Bu/A (15.5%)	Moisture (%)	Test Wt. (lbs/bu)	Lodging (%)	Final Stand (plants /A)	Green-snap (%)
AGVENTURE	AV3904V	104	276.0	16.4	57.8	0	31908	6.1
RENK SEED	RK6640TRE	103	273.4	16.3	58.1	0	31690	1.7
THUNDER SEED	T8703 SSP	103	273.3	15.3	57.9	0	32343	6.7
RENK SEED	RK6555VT4PRO	102	269.9	15.2	56.6	0	32234	7.5
AGVENTURE	AV6702PCE	102	269.6	16.0	56.3	0	31145	11.3
THUNDER SEED	T6504 PC	104	268.4	16.6	57.5	0	31363	7.6
JACOBSEN SEED	JS0342DGVT2P	102	268.3	16.2	57.1	0	31254	4.7
AGVENTURE	AV2501V	101	258.7	15.4	59.3	0	32997	2.3
HOEGEMEYER	7205 PCE	102	254.7	16.1	56.3	0	30601	15.6
AGVENTURE	AV9603V	103	247.3	16.0	58.3	0	31799	12.4
HOEGEMEYER	7369 V	103	245.3	16.0	58.1	0	31145	17.1
PETERSON FARMS SEED	92W01	101	244.0	15.6	58.9	0	32126	19.1
JACOBSEN SEED	JS0593PCE	103	238.6	18.5	56.4	0	30710	23.2
CHECK	DKC96-21RIB	96	222.8	15.4	58.8	0	30274	19.0
THUNDER SEED	T6701 TRE	101	222.3	15.4	58.2	0	32017	37.9
RENK SEED	RK6610PCE	101	170.4	15.4	58.5	0	31363	45.6
Trial Average			250.2	16	57.7	-	31561	14.9
LSD (0.05)†			24	0.7	0.6	-	1743	10
C.V.‡			6.7	3	0.8	-	3.9	45.9

* 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.
§ Greensnap percentage- stalks broken completely (snapped) due to high wind in early growth stage presented as a percentage of the final stand.

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