

2023 Corn Grain Top 30 Region Summary for South Dakota Northeast [SDNE]

Early-Season Test

91 - 95 Day CRM

B2023SDNEa

Top 30 of 43

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Bath	Clear Lake	Elkton	Watertown	Webster	
HEINE	6350 ↗	VT2P	97	192.2	17.7	3	833	1	212.0	207.9	178.8	131.9	248.7	173.6	
CHARGEN	VX9131 ↗	DV	91	191.5	18.1	3	825	2	197.4	229.3	194.4	131.2	234.3	162.7	
HEINE	6215 ↗	VT2P	95	189.9	18.5	7	813	3	191.2	220.9	188.2	132.1	227.2	179.5	
GOLDEN HARVEST	G91V51-DV ↗	DV	91	187.3	18.5	3	801	7	184.4	237.3	188.5	136.3	205.7	171.3	
HEINE	6330DGVT2PRIB ↗	VT2PDG	95	186.3	18.0	4	803	5	211.9	222.3	179.1	119.3	234.3	150.6	
DAIRYLAND	DS-3599Q ↗	QR	95	185.4	17.5	2	805	4	194.7	207.0	202.6	132.9	221.5	153.5	
JACOBSEN	JS7045VT2PRO ↗	VT2P	95	184.5	17.4	4	803	6	208.7	214.4	169.2	129.9	233.6	151.1	
ENESTVEDT	E612RR ↗	RR2	92	184.4	17.5	4	801	8	200.5	216.0	170.1	133.7	237.1	148.7	
REA	95B53 ↗	VT2P	95	184.1	18.0	5	794	9	191.7	228.6	182.3	123.3	219.6	159.1	
HEFTY	H4564 ↗	STX	95	182.4	18.6	4	780	11	204.8	224.8	166.4	125.0	207.1	166.5	
REA	92B10 ↗	VT2P	92	180.9	17.4	5	788	10	195.9	220.6	162.1	130.0	220.0	157.0	
RENK	RK561DGVT2P ↗	VT2PDG	95	179.9	18.8	4	772	13	204.0	224.2	159.2	129.9	237.2	124.8	
ROB-SEE-CO	RC4213-AA ↗	AA	92	179.5	17.8	5	775	12	211.0	213.8	174.6	114.4	202.1	160.8	
ROB-SEE-CO	RC4518-VT2P ↗	VT2P	95	178.2	17.8	9	772	14	207.4	205.6	164.1	122.4	220.3	149.3	
HEFTY	H4332 ↗	VT2P	93	178.2	18.3	3	768	16	200.3	209.9	168.9	118.6	232.7	138.6	
DAIRYLAND	DS-3203AM ↗	AM	92	177.2	17.6	4	769	15	200.0	204.0	171.7	133.3	191.6	162.8	
HEINE	6450 ↗	STX	95	176.6	18.6	5	755	22	204.3	212.9	168.5	105.2	221.4	147.0	
JACOBSEN	JS5044DGVT2P ↗	VT2PDG	95	176.0	18.5	6	757	20	195.6	205.6	171.3	121.8	236.8	124.9	
HEFTY	H4264 ↗	STX	92	176.0	17.5	4	765	17	198.2	198.3	172.8	125.7	213.2	148.0	
DAIRYLAND	DS-3477AM ↗	AM	94	175.4	17.4	3	764	18	165.6	205.1	180.0	134.5	227.6	139.9	
RENK	RK502SSTX ↗	STX	95	174.6	17.7	4	756	21	188.9	218.6	141.2	125.8	218.2	155.1	
AUGUSTA	A2140-D ↗	D	90	174.6	18.3	12	751	25	199.9	214.5	182.8	109.4	210.4	130.7	
HEFTY	H4562 ↗	VT2P	95	174.2	17.8	4	754	23	187.5	217.3	187.8	121.7	207.9	123.0	
RENK	RK444VT2P ↗	VT2P	93	173.6	18.3	7	743	27	184.5	215.0	163.6	103.8	193.8	181.1	
HEINE	6200 ↗	VT2P	95	173.5	17.8	4	751	24	203.5	205.4	167.3	122.2	200.7	141.8	
THUNDER	T8494 SSP ↗	STXP	94	173.2	17.6	6	751	26	183.1	209.8	166.9	121.9	204.1	153.5	
THUNDER	TEX23-94 ↗	VT2P	94	170.7	17.9	4	739	28	186.3	202.5	171.9	117.8	209.7	136.0	
ROB-SEE-CO	RC4185-VT2P ↗	VT2P	91	170.6	18.1	3	739	29	210.6	203.5	155.1	126.8	223.4	104.1	
JACOBSEN	JS9263VT2PRO ↗	VT2P	92	169.6	17.3	5	739	30	182.5	213.7	165.7	124.7	190.8	140.4	
LG SEEDS	LG42C80VT2PRIB ↗	VT2P	92	169.6	17.8	7	738	31	193.6	200.1	158.9	131.3	223.5	110.3	
DEKALB	DKC50-87RIB CK	STX	100	179.7	19.3	2	762	19	185.9	210.2	169.7	130.1	220.1	162.1	
				Averages =	176.0	18.0	5	760		195.7	210.7	170.8	123.9	211.9	142.4
				LSD (0.10) =	10.2	0.5	3			14.2	15.5	14.2	10.1	21.5	24.5
				LSD (0.25) =	5.3	0.3	2			7.4	8.1	7.5	5.3	11.3	12.8



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Prev. years average yield for region: 173.56 bu/a, 20 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.1

Drying = \$0.06

Prices: GMO = \$4.50

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location.

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Report Date: 11/12/2023

2023 Corn Grain Top 30 Region Summary for South Dakota Northeast [SDNE]

Full-Season Test
96 - 100 Day CRM
 B2023SDNEb

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Arlington	Bath	Clear Lake * REJECTED	Elkton	Watertown	Webster REJECTED	
DAIRYLAND	DS-3881AM ↗	AM	98	200.8	17.9	3	863	2	221.0	237.1	168.6	136.1	209.1	153.7	
GOLDEN HARVEST	G97B68-DV ↗	DV	97	200.3	17.8	6	864	1	214.7	234.9	175.0	124.3	227.5	105.6	
HEINE	6650 ↗	TRE	99	199.7	17.7	3	862	3	210.7	227.0	178.2	119.8	241.5	174.5	
REA	98A15 ↗	STX	98	195.6	17.6	3	844	4	217.6	240.5	172.2	138.8	185.8	137.9	
THUNDER	T6300 VT2P ↗	VT2P	100	194.3	17.9	10	835	7	206.1	232.2	188.6	120.6	218.2	125.0	
HEFTY	H4653 RIB ↗	VT2PDG	96	194.1	17.6	5	839	5	205.5	231.6	168.9	119.8	219.8	133.9	
HEINE	6575VT2PRIB ↗	VT2P	99	192.9	17.4	14	834	8	220.4	247.6	168.9	120.8	182.9	133.9	
JACOBSEN	JS9723TRE ↗	TRE	97	191.8	16.8	2	837	6	203.9	225.8	168.9	123.1	214.4	168.9	
RENK	RK590VT2P ↗	VT2P	98	191.8	17.1	9	832	9	216.9	235.4	168.9	122.2	192.6	170.4	
DAIRYLAND	DS-4003Q ↗	QR	100	191.7	18.2	4	821	12	215.6	230.7	168.9	119.9	200.5	128.9	
DAIRYLAND	DS-3900AM ↗	AM	99	191.7	18.2	11	821	13	193.8	224.4	168.9	128.6	219.9	141.7	
HEINE	6760 ↗	TRE	97	190.5	17.1	3	826	10	178.3	246.1	168.9	121.3	216.5	133.9	
THUNDER	T6999 VT2P ↗	VT2P	99	190.0	17.2	8	824	11	216.6	233.0	168.9	117.2	193.2	128.9	
DEKALB	DKC50-88RIB GC ↗	VT2P	100	189.1	18.1	2	810	18	209.0	225.1	168.9	131.6	190.7	172.2	
HEFTY	H5062 ↗	VT2P	100	188.6	17.9	6	811	17	177.3	231.2	133.9	120.3	225.4	141.7	
RENK	RK582SSTX ↗	STX	98	188.1	17.3	5	817	14	189.3	235.0	168.9	125.7	202.4	170.9	
HEINE	6725PWE ↗	PCE	97	187.9	17.5	7	811	16	204.6	237.1	168.9	131.7	178.2	124.0	
JACOBSEN	JS7096VT2PRO ↗	VT2P	97	187.5	17.3	5	813	15	199.3	221.6	168.9	118.4	210.9	141.7	
ENESTVEDT	E600DP RIB ↗	VT2P	99	186.5	17.2	17	808	21	217.7	235.7	168.9	104.7	188.0	141.7	
HEFTY	H4964 ↗	STXP	99	186.3	17.1	5	809	19	225.8	229.1	168.9	124.9	165.4	141.7	
REA	98T64 ↗	TRE	98	185.9	17.3	2	806	22	198.5	209.0	168.9	130.8	205.3	133.9	
ROB-SEE-CO	D98-43-TRE ↗	TRE	98	185.2	17.5	4	801	23	198.2	233.2	172.2	122.8	186.5	153.7	
LG SEEDS	LG47C77VT2RIB ↗	VT2P	97	184.5	16.6	7	808	20	192.0	216.3	168.9	121.3	208.5	153.7	
LG SEEDS	LG5465VT2RIB ↗	VT2P	97	183.0	17.2	6	795	24	200.0	213.3	168.9	121.1	197.7	153.7	
ROB-SEE-CO	RC4937-SSP ↗	STXP	99	182.2	17.5	5	787	28	190.5	229.2	168.9	118.0	190.9	153.7	
RENK	RK579DGV2P ↗	VT2PDG	99	182.1	17.9	5	781	30	206.5	205.5	178.5	114.0	202.5	164.5	
HEINE	6815PWE ↗	PCE	98	181.6	17.6	10	784	29	200.8	230.9	159.6	123.5	171.2	97.3	
THUNDER	T6497 TRE ↗	TRE	97	180.5	16.8	3	788	27	189.9	210.2	166.0	124.4	197.7	133.6	
REA	96A79 ↗	STX	96	180.2	16.5	3	790	26	195.6	215.3	176.7	123.3	186.8	141.7	
RENK	RK597SSPRO ↗	STXP	99	179.7	17.2	4	780	31	198.8	213.1	165.2	120.3	186.7	164.4	
DEKALB	DKC50-87RIB CK	STX	100	184.3	17.8	2	793	25	204.5	223.7	177.9	117.9	191.0	144.3	
				Averages =	184.9	17.5	6	798		199.8	226.4	167.1	119.7	192.6	143.0
				LSD (0.10) =	12.9	0.4	5			18.9	15.3	19.9	10.9	27.6	32.9
				LSD (0.25) =	6.8	0.2	3			9.9	8.0	10.4	5.7	14.5	17.2


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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.1 Drying = \$0.06 Prices: GMO = \$4.50

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different. ↗ Links to product's results at www.firstseedtests.com. Oil & Protein values average of 1 sample per location. * 2 reps for the site.

2023 Corn Grain - South Dakota Northeast [SDNE]

Early-Season Test Products (43 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1943-AA	AA	N	93	AC,P5V
Augusta	A2140-D	D	N	90	CM,C2
Chargen	VX9131	DV	Y	91	CM, Vi
Dairyland	DS-3159AM	AM	Y	91	Lum, L1
Dairyland	DS-3203AM	AM	Y	92	Lum, L1
Dairyland	DS-3477AM	AM	Y	94	Lum, L1
Dairyland	DS-3599Q	QR	Y	95	Lum, L1
DeKalb	DKC50-87RIB CK	STX	Y	100	AC,P5V,EDC-EL
Enestvedt	E612RR	RR2	N	92	CM, Vi
Golden Harvest	G91V51-DV	DV	Y	91	AVC,C1,Va
Golden Harvest	G92A51-AA	AA	Y	92	CM,C5,Va
Hefty	H4264	STX	Y	92	HC
Hefty	H4332	VT2P	N	93	HC
Hefty	H4462	VT2P	N	94	HC
Hefty	H4562	VT2P	N	95	HC
Hefty	H4564	STX	N	95	HC
Heine	6200	VT2P	Y	95	Treated
Heine	6215	VT2P	Y*	95	Treated
Heine	6330DGV2PRIB	VT2PDG	Y*	95	Treated
Heine	6350	VT2P	N	97	Treated
Heine	6450	STX	Y	95	Treated
Jacobsen	JS5044DGV2P	VT2PDG	Y	95	Treated
Jacobsen	JS7045VT2PRO	VT2P	Y	95	Treated
Jacobsen	JS9263VT2PRO	VT2P	Y	92	Treated
LG Seeds	LG42C80VT2PRIB	VT2P	Y	92	AC,P2V
Master Farmer	MBZ-P920-V	V	Y	92	CM,C2,Vi,Va
REA	92B10	VT2P	Y	92	AC,P5V,EDC-B
REA	95A36	STX	Y	95	AC,P5V,EDC-B
REA	95B53	VT2P	Y	95	AC,P5V,EDC-B
Renk	RK444VT2P	VT2P	N	93	AC,P2
Renk	RK485DGV2P	VT2PDG	N	94	AC,P2
Renk	RK502SSTX	STX	N	95	AC,P5V
Renk	RK561DGV2P	VT2PDG	N	95	AC,P2
Rob-See-Co	RC4166-V	V	Y	91	CM,C2,Vi,Va
Rob-See-Co	RC4185-VT2P	VT2P	Y	91	AC,P2V
Rob-See-Co	RC4213-AA	AA	Y	92	CM,C2,Vi,Va
Rob-See-Co	RC4300-VT2P	VT2P	Y	93	AC,P2V
Rob-See-Co	RC4518-VT2P	VT2P	Y	95	CM,C2,Vi,Va
Thunder	T6294 VT2P	VT2PDG	Y	94	AC,P2
Thunder	T6396 VT2P	VT2P	Y	94	AC,P2
Thunder	T6992 VT2P	VT2P	Y	92	AC,P2
Thunder	T8494 SSP	STXP	Y	94	AC,P5

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	TEX23-94	VT2P	Y	94	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2023 Corn Grain - South Dakota Northeast [SDNE]

Full-Season Test Products (44 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Chargen	VX9631	PCE	Y	96	CM, Vi
Chargen	VX9931	PCE	Y	99	CM, Vi
Dairyland	DS-3881AM	AM	Y	98	Lum
Dairyland	DS-3900AM	AM	Y	99	Lum, L1
Dairyland	DS-4003Q	QR	Y	100	Lum, L1
DeKalb	DKC50-87RIB CK	STX	Y	100	AC,P5V,EDC-EL
DeKalb	DKC50-88RIB GC	VT2P	Y	100	AC,P5V,EDC-EL
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Golden Harvest	G97B68-DV	DV	Y	97	AVC,C1,Va
Golden Harvest	G98B99-AA	AA	Y	98	CM,C5,Va
Hefty	H4653 RIB	VT2PDG	Y	96	HC
Hefty	H4942 RIB	VT2P	Y	99	HC
Hefty	H4964	STXP	Y	99	HC
Hefty	H5055	TRE	N	100	HC
Hefty	H5062	VT2P	N	100	HC
Heine	6575VT2PRIB	VT2P	Y*	99	Treated
Heine	6650	TRE	N	99	Treated
Heine	6725PWE	PCE	Y	97	Treated
Heine	6760	TRE	Y	97	Treated
Heine	6815PWE	PCE	Y	98	Treated
Jacobsen	JS7096VT2PRO	VT2P	Y	97	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
LG Seeds	LG47C77VT2RIB	VT2P	Y	97	AC,P2
LG Seeds	LG48C87VT2PRO	VT2P	N	98	AC,P5V
LG Seeds	LG5465VT2RIB	VT2P	Y	97	Treated
Master Farmer	MBZ-R962-AA	AA	Y	96	CM,C2,Vi,Va
REA	96A79	STX	Y	96	AC,P5V,EDC-B
REA	98A15	STX	Y	98	AC,P5V,EDC-B
REA	98T64	TRE	Y	98	AC,P5V,EDC-B
Renk	RK571PWE	PCE	N	96	Lum,P5V
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK582SSTX	STX	N	98	AC,P5V
Renk	RK590VT2P	VT2P	N	98	AC,P2
Renk	RK597SSPRO	STXP	N	99	AC,P5V,B300
Rob-See-Co	D97-95-VT2P	VT2P	Y	97	CM,C2,Vi,Va
Rob-See-Co	D98-43-TRE	TRE	Y	98	CM,C2,Vi,Va
Rob-See-Co	RC4680-VT2P	VT2P	Y	96	AC,P2V
Rob-See-Co	RC4779-PCE	PCE	N	97	CM,C2,Vi,Va
Rob-See-Co	RC4937-SSP	STXP	Y	99	P5V
Thunder	T6298 VT2P	VT2P	Y	98	AC,P2
Thunder	T6300 VT2P	VT2P	Y	100	AC,P2
Thunder	T6497 TRE	TRE	Y	97	AC,P2

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va
Thunder	T6999 VT2P	VT2P	Y	99	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Innotech™ is a trademark of Syngenta. Power Plus® brand seed is distributed by Burrus. Power Plus® is a registered trademark of Corteva Agriscience.

Corn Grain Technologies

AA	Agrisure® Above (CB,HX,LL,GT), formerly Agrisure® 3120
AM	Optimum® AcreMax®
D	Duracade™ (CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5122
DV	DuracadeViptera™ (Vip,CB,HX,RW,RW2,LL,GT), formerly Agrisure Duracade® 5222
PCE	PowerCore® Enlist®
QR	Qrome®
RR2	Roundup Ready® 2 Corn
STX	SmartStax®
STXP	SmartStax® Pro with RNAi Technology
TRE	Trecepta®
V	Viptera™ (Vip,CB,HX,LL,GT), formerly Agrisure Viptera® 3220
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®

NOTE: The refuge component genetics may vary in a refuge blend seed product.

Corn Grain Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P2V	Acceleron® Poncho 250/Votivo
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,B300	Acceleron® Poncho 500/Votivo with B-300 SAT
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AVC,C1,Va	Avicta® Complete 1250 with Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Va	CruiserMaxx® 500 with Vayantis®
CM, Vi	CruiserMaxx®, Vibrance
HC	Hefty Complete
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.