

2024 Corn Grain Top 30 Region Summary for South Dakota Northeast [SDNE]

Early-Season Test

91 - 95 Day CRM

B2024SDNEa

Top 30 of 40

For Gross Income (Sorted by Yield), (11) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Altamont *	Bath	Bruce	Watertown REJECTED	Webster REJECTED	
INTEGRA	CX311096VT ↗	VT2P	94	218.8	17.7	10	775	1	210.0	224.5	221.7	227.7	114.8	
HEINE	6330DGV2PRIB ↗	VT2PDG	95	214.6	18.3	3	755	3	210.5	225.4	207.8	176.6	110.4	
HEINE	6561VT4PRIB ↗	VT4P	95	212.8	18.0	0	751	5	189.9	239.4	209.1	185.8	99.4	
JACOBSEN	JS9414VT2P ↗	VT2P	95	212.3	17.5	5	754	4	196.8	225.3	214.8	195.8	117.9	
RENK	RK456VT2P ↗	VT2P	94	211.3	16.8	1	756	2	196.6	228.7	208.7	229.9	111.1	
RENK	RK519VT4P ↗	VT4P	95	210.4	18.0	0	743	6	194.5	233.1	203.8	145.3	111.8	
PIONEER	P9211AM GC ↗	AM	92	207.8	17.5	0	738	7	202.2	230.6	190.7	151.7	95.0	
HEINE	6460VT2PRIB ↗	VT2P	94	205.7	17.7	2	729	9	198.3	227.5	191.4	159.5	71.0	
PIONEER	P9489Q GC ↗	QR	94	205.5	18.2	2	723	10	191.0	220.8	204.8	151.2	91.4	
DAHLMAN	R47-258VT2PRIB ↗	VT2P	94	205.4	17.5	0	730	8	197.2	225.1	194.0	205.5	111.0	
HEINE	6215VT2PRIB ↗	VT2P	95	204.8	18.3	0	721	12	201.9	226.9	185.6	145.3	108.2	
DAHLMAN	R47-24VT2PRIB ↗	VT2P	94	204.0	17.7	8	723	11	178.7	229.6	203.8	151.9	111.3	
THUNDER	T8592 SS ↗	STX	92	203.4	18.1	0	718	14	190.1	224.3	195.7	172.4	111.9	
RENK	RK444VT2P ↗	VT2P	93	202.3	17.8	2	716	15	191.5	224.3	191.1	151.7	111.2	
DAHLMAN	R45-250VT2PRIB ↗	VT2P	90	201.5	17.0	19	719	13	202.2	219.3	183.2	151.0	111.8	
DAHLMAN	R48-239VT2PRIB ↗	VT2P	95	201.4	17.6	7	714	16	187.8	214.7	201.6	151.0	111.1	
JACOBSEN	JS9542DGV2P ↗	VT2PDG	95	200.9	18.7	6	703	17	193.9	218.9	190.0	151.7	83.1	
DAHLMAN	R47-245DGV2PRIB ↗	VT2PDG	94	199.7	18.5	3	702	20	187.9	219.5	191.8	151.0	91.1	
RENK	RK485DGV2P ↗	VT2PDG	94	199.2	18.3	10	700	21	194.1	213.5	190.0	151.5	111.2	
JACOBSEN	JS9672VT2P ↗	VT2P	95	198.8	18.0	9	702	19	194.3	214.6	187.5	151.1	85.8	
HEINE	6122VT2PRIB ↗	VT2P	91	197.9	17.4	0	703	18	192.0	204.0	197.5	151.2	91.1	
JACOBSEN	JS9494VT2P ↗	VT2P	94	196.4	17.8	0	695	22	195.6	225.6	168.1	151.3	111.0	
DAIRYLAND	DS-3477AM ↗	AM	94	195.8	17.9	0	692	23	185.4	207.2	194.7	151.4	111.8	
DEKALB	DKC41-54RIB GC ↗	STXP	91	194.8	17.9	0	689	25	179.0	200.7	204.8	151.3	91.3	
RENK	RK561DGV2P ↗	VT2PDG	95	194.2	17.4	4	690	24	188.7	217.8	176.2	151.0	91.1	
AUGUSTA	A2541-DV ↗	DV	91	194.1	18.9	2	678	31	177.1	212.8	192.4	151.8	91.1	
THUNDER	T6592 VT2P ↗	VT2P	92	193.5	17.3	0	688	26	176.4	221.5	182.6	151.3	91.1	
THUNDER	T6695 VT2P ↗	VT2P	95	193.3	18.2	4	680	29	194.3	220.4	165.3	150.0	91.5	
DEKALB	DKC42-64RIB GC ↗	STX	92	192.9	17.6	0	684	28	183.6	214.1	180.9	105.6	83.7	
INTEGRA	4105 VT2PRIB ↗	VT2P	91	191.8	17.7	0	679	30	182.5	209.8	183.1	139.2	100.4	
DEKALB	DKC43-75RIB CK	VT2P	93	192.4	17.2	0	685	27	187.0	199.0	191.3	124.6	110.3	
				Averages =	198.8	17.9	3	703		189.0	216.1	190.7	160.0	100.3
				LSD (0.10) =	11.2	0.4	7			12.4	13.0	17.1	36.0	28.2
				LSD (0.25) =	5.9	0.2	4			6.5	6.8	9.0	18.9	14.8

Yield variability from heavy disease pressure

Yield variability from persistent wet conditions

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Prev. years average yield for region: 182.51 bu/a, 23 yr(s)

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.04

Prices: GMO = \$3.65

† 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. * 3 reps for the site.

Additional reports available at www.firstseedtests.com

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Report Date: 11/07/2024

2024 Corn Grain Top 30 Region Summary for South Dakota Northeast [SDNE]

Full-Season Test
96 - 100 Day CRM
B2024SDNEb

Top 30 of 40

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Altamont	Bath	Bruce	Watertown	Webster	
INTEGRA	5055 VT4PRIB ↗	VT4P	100	207.5	21.8	2	708	1	194.2	216.0	238.8	235.2	153.6	
RENK	RK582SSTX ↗	STX	98	206.6	22.0	0	705	3	214.9	226.0	203.8	235.2	153.2	
THUNDER	T6298 VT2P ↗	VT2P	98	205.3	21.9	4	706	2	208.3	234.9	219.5	228.8	135.1	
THUNDER	T8598 SS ↗	STX	98	200.9	21.5	0	685	4	184.4	227.4	215.2	206.9	170.5	
JACOBSEN	JS0063VT4P ↗	VT4P	100	194.8	22.0	1	665	5	192.9	216.5	217.7	214.4	132.3	
HEINE	6650TRERIB ↗	TRE	99	194.2	22.0	7	665	6	192.6	221.1	201.2	223.9	132.3	
DAIRYLAND	DS-3881V ↗	VE	98	192.6	21.6	0	661	7	194.6	241.9	192.6	193.1	140.9	
INTEGRA	4702 VT2PRIB ↗	VT2P	97	192.0	22.1	1	656	8	196.3	220.7	195.3	216.8	131.1	
HEINE	7017SSPRIB ↗	STXP	100	191.0	22.5	0	651	11	198.7	231.6	208.9	189.9	126.0	
LEGACY	LC-4248 SS ↗	STX	100	190.9	22.4	0	648	14	198.4	222.0	197.3	193.6	143.1	
DEKALB	DKC99-11RIB GC ↗	VT2P	99	190.8	22.3	1	650	12	200.9	223.4	207.1	189.8	132.6	
RENK	RK579DGV2P ↗	VT2PDG	99	190.7	21.4	0	653	10	177.8	217.4	199.1	209.7	149.5	
HEINE	7053VT2PRIB ↗	VT2P	100	190.0	21.6	3	655	9	200.2	224.5	211.3	202.0	112.1	
RENK	RK630TRE ↗	TRE	100	189.5	21.6	5	649	13	200.9	222.0	214.9	167.8	141.9	
DAIRYLAND	DS-3730V ↗	VE	97	188.5	21.7	0	646	15	200.9	214.2	219.5	179.5	128.4	
THUNDER	T6500 VT2P ↗	VT2P	100	188.4	22.1	4	644	17	200.6	231.3	188.8	190.3	130.9	
ENESTVEDT	E600DP RIB ↗	VT2P	99	187.4	21.3	5	644	16	200.6	230.1	176.9	194.6	135.0	
THUNDER	T8396 SS ↗	STX	96	187.3	22.6	0	632	24	195.0	218.7	151.2	220.5	151.3	
HEINE	6760TRERIB ↗	TRE	97	187.0	21.9	2	639	22	197.8	209.3	200.8	184.7	142.7	
HEINE	7025VT2PRIB ↗	VT2P	100	187.0	21.8	1	639	21	200.5	219.4	193.3	188.2	133.5	
RENK	RK597SSPRO ↗	STXP	99	187.0	21.8	4	640	18	196.9	218.6	211.1	179.6	128.6	
PIONEER	P9955AM GC ↗	AM	97	186.9	22.9	0	631	25	186.5	232.6	193.2	189.5	132.7	
JACOBSEN	JS9723TRE ↗	TRE	97	186.9	21.4	0	639	20	200.4	211.3	176.8	196.7	149.3	
JACOBSEN	JS0083VT2P ↗	VT2P	100	186.8	21.5	0	640	19	179.7	211.7	194.6	207.8	140.3	
ENESTVEDT	E665TRE ↗	TRE	97	186.0	21.4	2	638	23	199.3	217.1	177.9	199.2	136.4	
DAHLMAN	R50-252VT2PRIB ↗	VT2P	100	183.8	21.9	11	626	27	191.1	193.1	179.3	211.3	144.3	
RENK	RK586VT4P ↗	VT4P	99	183.7	22.3	1	626	28	189.1	205.8	199.3	196.6	127.5	
DAHLMAN	R49-29VT2PRIB ↗	VT2P	98	183.4	21.4	6	628	26	196.2	194.0	181.4	207.9	137.6	
JACOBSEN	JS9904SS ↗	STX	98	181.9	22.3	0	621	29	196.8	220.7	169.6	206.4	116.2	
GOLDEN HARVEST	G97B68-DV ↗	DV	97	180.0	21.7	0	613	30	164.2	213.5	162.9	223.4	136.0	
DEKALB	DKC43-75RIB CK	VT2P	93	170.7	21.1	2	588	37	190.7	201.9	198.4	135.2	127.5	
				Averages =	186.1	22.0	3	635		191.4	213.9	194.6	195.2	134.9
				LSD (0.10) =	11.5	0.9	6			11.5	12.4	20.6	30.1	14.0
				LSD (0.25) =	6.1	0.5	3			6.1	6.5	10.8	15.8	7.3

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† 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.

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Report Date: 11/07/2024

2024 Corn Grain - South Dakota Northeast [SDNE]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A2140-AA	AA	N	90	CM,C2
Augusta	A2244	DV	Y	94	CM,C2
Augusta	A2541-DV	DV	Y	91	CM,C2
Dahlman	R45-250VT2PRIB	VT2P	Y	90	Treated
Dahlman	R47-245DGV2PRIB	VT2PDG	Y	94	Treated
Dahlman	R47-24VT2PRIB	VT2P	Y	94	Treated
Dahlman	R47-258VT2PRIB	VT2P	Y	94	Treated
Dahlman	R48-239VT2PRIB	VT2P	Y*	95	Treated
Dairyland	DS-3477AM	AM	Y	94	Lum,P5V
DeKalb	DKC41-54RIB GC	STXP	Y	91	AC,P5V,EDC-EL
DeKalb	DKC42-64RIB GC	STX	Y	92	AC,P5V,EDC-EL
DeKalb	DKC43-75RIB CK	VT2P	Y	93	AC,P5V
Enestvedt	E612RR	RR2	N	92	CM,C2,Vi
Golden Harvest	G91V51-DV	DV	Y	91	AVC,C5,Vi,Va
Golden Harvest	G94U63-V	V	Y	94	CM,C5,Vi,Va
Heine	6122VT2PRIB	VT2P	Y	91	F,I,B,NE,NU
Heine	6215VT2PRIB	VT2P	Y*	95	F,I,B,NE,NU
Heine	6330DGV2PRIB	VT2PDG	Y*	95	F,I,B,NE,NU
Heine	6460VT2PRIB	VT2P	Y	94	F,I,B,NE,NU
Heine	6561VT4PRIB	VT4P	Y	95	F,I,B,NE,NU
Integra	4105 VT2PRIB	VT2P	Y	91	AC,P5V,St,SU
Integra	CX311096VT	VT2P	Y	94	Treated
Jacobsen	JS9053VT2P	VT2P	Y	91	Treated
Jacobsen	JS9414VT2P	VT2P	Y	95	Treated
Jacobsen	JS9494VT2P	VT2P	Y	94	Treated
Jacobsen	JS9542DGV2P	VT2PDG	Y	95	Treated
Jacobsen	JS9672VT2P	VT2P	Y	95	Treated
Legacy	LC414-21 SSX RIB	STX	Y	91	P5V
Pioneer	P9211AM GC	AM	Y	92	Lum
Pioneer	P9489Q GC	QR	Y	94	Lum, L1
Renk	RK444VT2P	VT2P	Y*	93	AC,P2
Renk	RK456VT2P	VT2P	N	94	AC,P5V,EDC-EL
Renk	RK485DGV2P	VT2PDG	Y*	94	AC,P2
Renk	RK519VT4P	VT4P	N	95	AC,P5V,EDC-EL
Renk	RK561DGV2P	VT2PDG	Y*	95	AC,P2
Thunder	T6294 VT2P	VT2PDG	Y	94	AC,P2
Thunder	T6591 PC	PCE	Y	91	F,I
Thunder	T6592 VT2P	VT2P	Y	92	F,I
Thunder	T6695 VT2P	VT2P	Y	95	F,I
Thunder	T8592 SS	STX	Y	92	F,I

* 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.

2024 Corn Grain - South Dakota Northeast [SDNE]

Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1946-AA	AA	N	96	CM,C2
Augusta	A2350	D	Y	100	CM,C2
Chargen	VX-9631	PCE	Y	96	CM,C2,Vi,Va
Chargen	VX-9931	PCE	Y	99	CM,C2,Vi,Va
Dahlman	R49-29VT2PRIB	VT2P	Y	98	Treated
Dahlman	R50-252VT2PRIB	VT2P	Y	100	Treated
Dairyland	DS-3730V	VE	Y	97	Lum, L1
Dairyland	DS-3881V	VE	Y	98	Lum, L1
DeKalb	DKC43-75RIB CK	VT2P	Y	93	AC,P5V
DeKalb	DKC99-11RIB GC	VT2P	Y	99	AC,P5V,EDC-EL
Enestvedt	E600DP RIB	VT2P	Y	99	AC,P2
Enestvedt	E654PCE	PCE	N	96	LumPro P2
Enestvedt	E665TRE	TRE	Y	97	AC,P5V,EDC-EL
Golden Harvest	G97B68-DV	DV	Y	97	CM,C5,Vi,Va
Golden Harvest	G98U62-DV	DV	Y	98	CM,C1,Vi,Va
Heine	6650TRERIB	TRE	N	99	F,I,B,NE,NU
Heine	6760TRERIB	TRE	Y	97	F,I,B,NE,NU
Heine	7017SSPRIB	STXP	Y	100	F,I,B,NE,NU
Heine	7025VT2PRIB	VT2P	Y	100	F,I,B,NE,NU
Heine	7053VT2PRIB	VT2P	Y	100	F,I,B,NE,NU
Integra	4702 VT2PRIB	VT2P	Y	97	AC,P5V,St,SU
Integra	4845PCE	PCE	Y	98	AC,P5V,St,SU
Integra	5055 VT4PRIB	VT4P	Y	100	AC,P5V,St,SU
Jacobsen	JS0063VT4P	VT4P	Y	100	Treated
Jacobsen	JS0083VT2P	VT2P	Y	100	Treated
Jacobsen	JS9723TRE	TRE	Y	97	Treated
Jacobsen	JS9904SS	STX	Y	98	Treated
Legacy	LC-4248 SS	STX	Y	100	P5V
Pioneer	P97299Q GC	AQ	Y	97	Lum, L1
Pioneer	P9955AM GC	AM	Y	97	Lum, L1
Renk	RK579DGV2P	VT2PDG	Y	99	AC,P2
Renk	RK582SSTX	STX	Y*	98	AC,P5V,EDC-EL
Renk	RK586VT4P	VT4P	N	99	AC,P5V,EDC-EL
Renk	RK597SSPRO	STXP	Y*	99	AC,P5V,EDC-EL
Renk	RK630TRE	TRE	N	100	AC,P2
Thunder	T6298 VT2P	VT2P	Y	98	AC,P5V,Va
Thunder	T6498 PC	PCE	N	98	CM,C2,Vi,Va
Thunder	T6500 VT2P	VT2P	Y	100	AC,P2
Thunder	T8396 SS	STX	Y	96	AC,P5
Thunder	T8598 SS	STX	Y	98	F,I

* 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®
AQ	Optimum® AQUAmax®
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
VE	Vorceed™ Enlist®
VT2P	VT Double PRO®
VT2PDG	DroughtGard® with VT Double PRO®
VT4P	VT4Pro™ with RNAi Technology

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,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,St,SU	Acceleron® Poncho 500/Votivo, Stamina, StepUp
AC,P5V,Va	Acceleron® Poncho 500/Votivo, Vayantis®
AVC,C5,Vi,Va	Avicta Complete 500, Vibrance, Vayantis
CM,C1,Vi,Va	CruiserMaxx® 1250 with Vibrance, Vayantis®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
CM,C2,Vi,Va	CruiserMaxx® 250 with Vibrance, Vayantis®
CM,C5,Vi,Va	CruiserMaxx® 500 with Vibrance, Vayantis®
F,I	Fungicide, Insecticide
F,I,B,NE,NU	Fungicide, Insecticide, Biological, Nematicide, Nutrition
Lum	LumiGEN™ (Corteva Agriscience)
Lum, L1	LumiGEN, Lumisure 1250
Lum,P5V	LumiGEN™ Poncho 500/Votivo
LumPro P2	Lumiscend Pro /Lumiflex fungicide, L-2012R bio-fungicide, Lumisure 250/Lumivia250 insecticide, Lumialza nematicide
P5V	Poncho 500/Votivo
Treated	Treated seed, unspecified

* Seed treatments may include unspecified plant health promoting components.