

Test by: FIRST, SD

## 2024 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] ALTAMONT, SD  
Nelson Brothers, Deuel County, SD

<b>Early-Season Test</b>	91 - 95 Day CRM B2024SDNE03a
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Unknown
<b>SOIL DESCRIPTION:</b>	Barnes-Svea loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, medium K, 6.1 pH, 3.6% OM, 19.5 CEC
<b>PEST MANAGEMENT:</b>	Ams, Callisto, Volley Atz Lite, Roundup Powermax 3
<b>FERTILITY - Applied N:</b>	101 Spring, 40 Sidedress, Sulfur 14 units
<b>Applied N-P-K (units):</b>	141-47-81
<b>SEEDED - RATE - ROW:</b>	May 29 32.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 31.9 /A

### TEST COMMENTS:

*Despite the later planting, this trial looked excellent all year, and finished out with respectable yields despite the excess moisture early on. The populations were near perfect across the board, and other than a little smut, the field was very clean and free from disease. One rep was dropped from the early-season test due to a stressed area affecting several plots.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	6330DGV2PRIB ↗	VT2PDG	95	<b>210.5</b>	19.6	0	31.9	729	2
Integra	CX311096VT ↗	VT2P	94	<b>210.0</b>	18.8	0	31.9	734	1
Pioneer	P9211AM GC ↗	AM	92	<b>202.2</b>	18.9	0	31.9	706	4
Dahlman	R45-250VT2PRIB ↗	VT2P	90	<b>202.2</b>	17.5	0	31.9	718	3
Heine	6215VT2PRIB ↗	VT2P	95	<b>201.9</b>	19.2	0	31.9	703	5
Thunder	T6294 VT2P ↗	VT2PDG	94	199.1	18.7	0	31.9	697	7
Heine	6460VT2PRIB ↗	VT2P	94	198.3	19.1	0	31.9	691	9
Dahlman	R47-258VT2PRIB ↗	VT2P	94	197.2	18.7	0	31.9	691	10
Jacobsen	JS9414VT2P ↗	VT2P	95	196.8	18.3	0	31.9	692	8
Renk	RK456VT2P ↗	VT2P	94	196.6	17.0	0	31.9	702	6
Jacobsen	JS9494VT2P ↗	VT2P	94	195.6	19.3	0	31.9	681	11
Renk	RK519VT4P ↗	VT4P	95	194.5	19.3	0	31.9	677	14
Jacobsen	JS9672VT2P ↗	VT2P	95	194.3	19.0	0	31.9	678	12
Thunder	T6695 VT2P ↗	VT2P	95	194.3	19.9	0	31.9	671	18
Renk	RK485DGV2P ↗	VT2PDG	94	194.1	18.9	0	31.9	678	13
Jacobsen	JS9542DGV2P ↗	VT2PDG	95	193.9	19.5	0	31.9	673	16
Heine	6122VT2PRIB ↗	VT2P	91	192.0	18.1	0	31.9	677	15
Renk	RK444VT2P ↗	VT2P	93	191.5	19.4	0	31.9	665	21
Pioneer	P9489Q GC ↗	QR	94	191.0	18.5	0	31.9	670	19
Enestvedt	E612RR ↗	RR2	92	191.0	18.3	0	31.9	672	17
Thunder	T8592 SS ↗	STX	92	190.1	19.5	0	31.9	660	23
Heine	6561VT4PRIB ↗	VT4P	95	189.9	19.7	0	31.9	657	25
Renk	RK561DGV2P ↗	VT2PDG	95	188.7	17.5	0	31.9	670	20
Dahlman	R47-245DGV2PRIB ↗	VT2PDG	94	187.9	19.9	0	31.9	649	27
Dahlman	R48-239VT2PRIB ↗	VT2P	95	187.8	17.9	0	31.9	664	22
Legacy	LC414-21 SSSX RIB ↗	STX	91	185.8	18.0	1	31.9	656	26
Dairyland	DS-3477AM ↗	AM	94	185.4	19.4	0	31.9	644	28
DeKalb	DKC42-64RIB GC ↗	STX	92	183.6	18.9	0	31.9	641	29
Integra	4105 VT2PRIB ↗	VT2P	91	182.5	18.7	0	32.4	639	30
Dahlman	R47-24VT2PRIB ↗	VT2P	94	178.7	18.6	0	31.9	626	31
DEKALB	DKC43-75RIB CK	VT2P	93	187.0	18.0	0	31.9	660	24
				<b>Averages =</b>	<b>189.0</b>	<b>18.8</b>	<b>0</b>	<b>31.9</b>	<b>661</b>
				<b>LSD (0.10) =</b>	12.4	0.8	ns		
				<b>LSD (0.25) =</b>	6.5	0.4	ns		
				<b>C.V. =</b>	6.2				
Matt Eich				Historic yield: new site					
matt.eich@firstseedtests.com, (605) 690-8748									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.65

Report Date: 11/01/2024

† 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 full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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Test by: FIRST, SD

## 2024 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] ALTAMONT, SD  
Nelson Brothers, Deuel County, SD

<b>Full-Season Test</b>	96 - 100 Day CRM B2024SDNE03b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Unknown
<b>SOIL DESCRIPTION:</b>	Barnes-Svea loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, medium K, 6.1 pH, 3.6% OM, 19.5 CEC
<b>PEST MANAGEMENT:</b>	Ams, Callisto, Volley Atz Lite, Roundup Powermax 3
<b>FERTILITY - Applied N:</b>	101 Spring, 40 Sidedress, Sulfur 14 units
<b>Applied N-P-K (units):</b>	141-47-81
<b>SEEDED - RATE - ROW:</b>	May 29 32.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 31.9 /A

### TEST COMMENTS:

*Despite the later planting, this trial looked excellent all year, and finished out with respectable yields despite the excess moisture early on. The populations were near perfect across the board, and other than a little smut, the field was very clean and free from disease. One rep was dropped from the early-season test due to a stressed area affecting several plots.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK582SSTX ↗	STX	98	<b>214.9</b>	18.5	0	31.9	754	1
Thunder	T6298 VT2P ↗	VT2P	98	<b>208.3</b>	18.6	0	31.5	731	2
DeKalb	DKC99-11RIB GC ↗	VT2P	99	200.9	19.4	0	31.9	698	5
Renk	RK630TRE ↗	TRE	100	200.9	19.6	0	31.9	696	6
Dairyland	DS-3730V ↗	VE	97	200.9	19.9	0	31.9	693	9
Enestvedt	E600DP RIB ↗	VT2P	99	200.6	18.5	0	31.9	704	3
Thunder	T6500 VT2P ↗	VT2P	100	200.6	19.8	0	31.9	694	8
Heine	7025VT2PRIB ↗	VT2P	100	200.5	20.1	0	32.3	691	13
Jacobsen	JS9723TRE ↗	TRE	97	200.4	19.5	0	31.9	696	7
Heine	7053VT2PRIB ↗	VT2P	100	200.2	19.9	0	31.9	692	11
Enestvedt	E665TRE ↗	TRE	97	199.3	18.4	0	31.9	701	4
Heine	7017SSPRIB ↗	STXP	100	198.7	19.1	0	31.9	693	10
Legacy	LC-4248 SS ↗	STX	100	198.4	19.9	0	31.9	686	15
Heine	6760TRERIB ↗	TRE	97	197.8	18.7	0	31.9	692	12
Renk	RK597SSPRO ↗	STXP	99	196.9	18.8	0	31.9	689	14
Jacobsen	JS9904SS ↗	STX	98	196.8	19.1	0	31.9	686	16
Integra	4702 VT2PRIB ↗	VT2P	97	196.3	19.3	0	31.9	683	18
Dahlman	R49-29VT2PRIB ↗	VT2P	98	196.2	19.1	0	31.9	684	17
Thunder	T8396 SS ↗	STX	96	195.0	19.1	0	31.9	680	20
Dairyland	DS-3881V ↗	VE	98	194.6	18.6	0	31.9	682	19
Integra	5055 VT4PRIB ↗	VT4P	100	194.2	19.5	0	31.9	674	21
Jacobsen	JS0063VT4P ↗	VT4P	100	192.9	19.6	0	31.9	669	24
Heine	6650TRERIB ↗	TRE	99	192.6	18.9	0	31.9	673	22
Dahlman	R50-252VT2PRIB ↗	VT2P	100	191.1	19.1	0	31.9	667	25
Renk	RK586VT4P ↗	VT4P	99	189.1	19.3	0	31.5	658	26
Golden Harvest	G98U62-DV ↗	DV	98	187.4	20.0	0	31.9	646	28
Chargen	VX-9631 ↗	PCE	96	187.2	19.0	0	31.9	654	27
Pioneer	P9955AM GC ↗	AM	97	186.5	19.8	0	31.9	645	29
Integra	4845PCE ↗	PCE	98	184.3	19.0	0	31.9	644	30
Enestvedt	E654PCE ↗	PCE	96	183.1	18.8	0	31.9	641	31
DEKALB	DKC43-75RIB CK	VT2P	93	190.7	18.3	0	31.9	671	23
				<b>Averages =</b>	<b>191.4</b>	<b>19.3</b>	<b>0</b>	<b>31.9</b>	<b>665</b>
				LSD (0.10) =	11.5	0.8	ns		
				LSD (0.25) =	6.1	0.4	ns		
				C.V. =	6.6				
Matt Eich				Historic yield: new site					
matt.eich@firstseedtests.com, (605) 690-8748									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.04 Prices: GMO = \$3.65

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