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Test by: Centrol Crop Consulting Volga, SD

2024 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] WEBSTER, SD

Fred Zenk, Day County, SD 57274

Full-Season Test	**96** - **100** Day CRM B2024SDNE02b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (**4**) Replications
PREV. CROP/HERB:	Soybeans / Liberty, Roundup Powermax
SOIL DESCRIPTION:	Nutley-Sinai silty clay, well drained, non-irrigated
SOIL CONDITION:	No-Till, low P, medium K, 7.4 pH, 5.0% OM, 27.7 CEC
PEST MANAGEMENT:	Cornerstone Plus, Sterling Blue, Class Act
FERTILITY - Applied N:	No N, P-K in fall
Applied N-P-K (units):	0-78-90
SEEDED - RATE - ROW:	Jun 16 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 6 32.3 /A

TEST COMMENTS:

Challenges abound for this trial site. Late planted due to extremely wet conditions. Soil conditions at planting were wet, but it was a last-ditch effort to get the trial in. No nitrogen was applied due to persistent wet conditions, with P and K applied in the fall. According to the cooperator this trial had 35" of rain from April 25 through mid-August before the moisture finally shut off. Stalk rots were the cause for the lodging. The early-season test was rejected due to high yield variability.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income $/Acre	Gross Income Rank
Thunder	T8598 SS ⇗	STX	98	**170.5**	33.2	0	34.8	498	1
Integra	5055 VT4PRIB ⇗	VT4P	100	**153.6**	34.8	0	31.9	439	2
Renk	RK582SSTX ⇗	STX	98	**153.2**	38.0	0	35.8	418	5
Thunder	T8396 SS ⇗	STX	96	**151.3**	39.5	0	34.8	404	7
Renk	RK579DGVT2P ⇗	VT2PDG	99	**149.5**	34.3	0	34.8	430	3
Jacobsen	JS9723TRE ⇗	TRE	97	**149.3**	35.5	0	34.8	423	4
Dahlman	R50-252VT2PRIB ⇗	VT2P	100	144.3	37.6	0	32.6	396	10
Legacy	LC-4248 SS ⇗	STX	100	143.1	38.4	0	34.8	388	13
Heine	6760TRERIB ⇗	TRE	97	142.7	38.7	0	33.3	386	14
Renk	RK630TRE ⇗	TRE	100	141.9	35.9	0	34.1	399	8
Dairyland	DS-3881V ⇗	VE	98	140.9	38.2	0	32.9	384	15
Jacobsen	JS0083VT2P ⇗	VT2P	100	140.3	35.5	0	34.1	397	9
Enestvedt	E654PCE ⇗	PCE	96	140.2	35.6	0	32.6	396	11
Dahlman	R49-29VT2PRIB ⇗	VT2P	98	137.6	34.4	0	33.8	395	12
Chargen	VX-9631 ⇗	PCE	96	137.1	36.7	0	30.4	381	17
Augusta	A1946-AA ⇗	AA	96	137.1	37.8	0	33.3	376	20
Enestvedt	E665TRE ⇗	TRE	97	136.4	36.0	0	31.2	383	16
Golden Harvest	G97B68-DV ⇗	DV	97	136.0	31.7	0	33.3	406	6
Integra	4845PCE ⇗	PCE	98	135.7	37.1	0	29.0	376	21
Augusta	A2350 ⇗	D	100	135.2	36.3	0	32.6	378	19
Thunder	T6298 VT2P ⇗	VT2P	98	135.1	40.2	0	33.3	357	30
Enestvedt	E600DP RIB ⇗	VT2P	99	135.0	35.8	0	34.1	381	18
Heine	7025VT2PRIB ⇗	VT2P	100	133.5	36.0	0	34.8	375	22
Pioneer	P9955AM GC ⇗	AM	97	132.7	38.1	0	28.3	362	25
DeKalb	DKC99-11RIB GC ⇗	VT2P	99	132.6	38.3	0	34.8	360	26
Jacobsen	JS0063VT4P ⇗	VT4P	100	132.3	36.0	0	28.3	372	23
Heine	6650TRERIB ⇗	TRE	99	132.3	38.7	8	33.8	358	29
Integra	4702 VT2PRIB ⇗	VT2P	97	131.1	38.3	0	33.8	356	31
Renk	RK597SSPRO ⇗	STXP	99	128.6	36.3	20	31.9	360	27
Dairyland	DS-3730V ⇗	VE	97	128.4	35.2	0	30.4	365	24
DEKALB	DKC43-75RIB CK	VT2P	93	127.5	35.8	0	30.5	359	28
		Averages =		**134.9**	**36.9**	**1**	**32.3**	**376**	
		LSD (0.10) =		14.0	ns	ns			
Matt Eich		LSD (0.25) =		7.3	ns	ns			
matt.eich@firstseedtests.com, (605) 690-8748		C.V. =		11.4			Historic yield: 168.57 bu/a, 14 yr(s)		

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

Report Date: 11/07/2024

† 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

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