

Test by: MNS Seed Testing, LLC New Richland, MN

2019 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] ARLINGTON, SD

Tim Bjorklund, Brookings County, SD 57212

Early-Season Test	91 - 95 Day CRM B2019SDNE01a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup, Durango, Sonic, Sharpen
SOIL DESCRIPTION:	Poinsett-Buse-Waubay silty clay loam, well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 5.8 pH, 4.9% OM, 21.2 CEC
PEST MANAGEMENT:	Force, Surestart, Durango, Atrazine, Bellum
FERTILITY - Applied N:	184 Spring
Applied N-P-K (units):	184-75-0
SEEDED - RATE - ROW:	May 15 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 20 32.3 /A

TEST COMMENTS:

Nice side hill location, and a May planting helped get the plot started. We had some lodging that was severe in certain varieties. Lodging also seemed to be from raccoons that picked specific varieties to damage while leaving others alone. A little side hill seeping caused some variability in yield.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
THUNDER	6992 VT2P	VT2P,B	92	200.7	22.3	4	33.4	666	1
DAHLMAN	R47-26VT2PRIB GC	VT2P,B	94	198.4	21.7	4	32.4	661	2
FEDERAL	4440VT2PRIB	VT2P,B	94	198.2	26.0	2	33.4	639	4
THUNDER	6993 VT2P	VT2P,B	93	192.6	21.2	2	32.9	644	3
RENK	RK433VT2P	VT2P	92	192.1	23.3	2	33.4	632	5
DAIRYLAND	DS-3550AM	AM	95	184.8	22.3	2	30.0	613	6
FEDERAL	4185VT2PRIB	VT2P,B	91	184.4	22.8	6	33.4	610	7
THUNDER	6094 VT2P	VT2P,B	94	181.8	22.3	4	32.4	603	8
LATHAM	LH4517VT2PRIB	VT2P,B	95	181.8	25.5	2	32.9	589	13
HEFTY	H4332VT2P	VT2P	93	179.3	23.0	6	33.4	592	12
HEINE	EXP 6100	VT2P	93	178.6	22.1	3	32.9	593	11
HEFTY	H4132VT2P	VT2P	91	178.4	21.8	2	33.4	594	10
RENK	RK561DGV2P	VT2P,DG	95	177.7	25.8	3	30.9	574	15
LATHAM	LH4454VT2PRIB	VT2P,B	94	176.6	26.8	3	32.4	566	21
FEDERAL	4580VT2PRIB	VT2P,B	95	176.3	26.9	2	32.9	565	23
HEINE	6200VT2PRORIB	VT2P,B	95	175.5	26.1	3	32.9	566	22
<i>THUNDER</i>	<i>6595 VT2P</i>	<i>VT2P,B</i>	95	174.0	27.6	4	31.4	554	26
GOLDEN HARVEST	G91V51-3110A	3110,A	91	173.9	24.7	4	32.0	567	20
INTEGRA	4119	VT2P,B	91	173.9	21.3	3	33.4	581	14
HEINE	6230	NA	95	173.5	23.7	6	33.4	570	16
HEINE	EXP 6150	VT2P	94	173.0	25.3	4	32.4	561	24
LATHAM	LH4375VT2PRIB	VT2P,B	93	172.6	23.0	5	33.4	569	17
FEDERAL	4300VT2P	VT2P	93	172.1	22.8	3	32.4	569	18
FEDERAL	4190VT2PRIB	VT2P,B	91	171.5	22.6	2	33.4	568	19
TITAN PRO	82-95 2P GC	VT2P,B	95	170.3	25.4	4	30.9	552	27
HEFTY	H4522VT2PRIB	VT2P,B	95	170.0	23.2	4	31.9	560	25
DAHLMAN	R48-28VT2PRIB GC	VT2P,B	95	169.9	27.2	6	32.9	543	31
HEFTY	H4322VT2PRIB	VT2P,B	93	165.3	22.9	4	31.5	546	28
HEFTY	H4222VT2PRIB	VT2P,B	92	165.2	23.2	5	33.4	544	29
TITAN PRO	90-94 2P GC	VT2P,B	94	163.9	22.3	6	32.4	544	30
DEKALB	DKC47-54 RIB CK	STX,B	97	184.5	24.6	6	31.4	601	9
				Averages =	166.2	23.9	6	32.3	539
				LSD (0.10) =	31.5	1.4	7		
				LSD (0.25) =	16.5	0.8	4		
				C.V. =	18.0				



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.025 Prices: GMO = \$3.50

Report Date: 11/24/2019

† 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

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