

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

2019 Corn Grain Top 30 Harvest Report

South Dakota Northeast [SDNE] CLEAR LAKE, SD
Greg Lanners, Deuel County, SD 57226

Early-Season Test	91 - 95 Day CRM B2019SDNE02a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup
SOIL DESCRIPTION:	Vienna-Brookings silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, low K, 5.3 pH, 4.6% OM, 23.2 CEC
PEST MANAGEMENT:	Force, Atrazine, Resicore, Laudis
FERTILITY - Applied N:	160.0 Fall
Applied N-P-K (units):	160-0-0
SEDED - RATE - ROW:	May 17 32.5 /A 30" spacing
HARVESTED - STAND:	Nov 19 30.8 /A

TEST COMMENTS:

We planted in May in less than ideal conditions. We lost some population in a few reps from poor spring weather. This field was wet all year and grain moistures remained high at harvest. At harvest, we had muddy conditions as frozen ground started to thaw recently. The field was a little uneven from wet conditions and yields varied in those areas.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH4437VT2PRIB	VT2P,B	94	172.6	28.2	2	32.9	547	2
FEDERAL	4185VT2PRIB	VT2P,B	91	172.1	26.5	6	32.9	553	1
DAHLMAN	R47-26VT2PRIB GC	VT2P,B	94	168.7	27.7	4	32.4	537	3
HEINE	EXP 6150	VT2P	94	168.0	34.7	6	30.5	505	7
THUNDER	6094 VT2P	VT2P,B	94	166.8	27.7	3	27.6	531	4
HEFTY	H4132VT2P	VT2P	91	164.1	26.6	4	31.9	527	5
LATHAM	LH4517VT2PRIB	VT2P,B	95	162.4	30.3	7	32.9	506	6
FEDERAL	4300VT2P	VT2P	93	156.4	28.6	5	33.4	494	8
INTEGRA	4509	VT2P,B	95	154.9	36.8	3	32.4	458	17
NK BRAND	NK9175-3110A	3110,A	91	153.7	32.3	5	30.0	471	13
FEDERAL	4190VT2PRIB	VT2P,B	91	152.8	28.6	3	31.0	483	9
FEDERAL	4440VT2PRIB	VT2P,B	94	152.8	33.8	4	32.9	463	16
INTEGRA	CX901094	VT2P	94	151.8	27.9	8	32.9	482	10
INTEGRA	4119	VT2P,B	91	151.8	30.8	6	32.9	471	14
TITAN PRO	82-95 2P GC	VT2P,B	95	150.2	33.1	8	32.9	458	18
LATHAM	EX 4123 3010	3010	91	150.2	27.6	2	27.6	478	11
LATHAM	LH4454VT2PRIB	VT2P,B	94	149.4	33.9	5	31.9	452	23
DAIRYLAND	DS-3550AM	AM	95	148.9	27.8	37	33.4	473	12
HEFTY	H4222VT2PRIB	VT2P,B	92	148.7	32.5	3	33.4	455	22
LATHAM	LH4375VT2PRIB	VT2P,B	93	148.4	28.7	7	31.0	469	15
HEFTY	H4332VT2P	VT2P	93	147.1	30.8	9	32.9	457	20
HEINE	6230	NA	95	147.0	30.6	3	31.5	457	21
THUNDER	6993 VT2P	VT2P,B	93	145.5	29.1	2	31.9	458	19
RENK	RK561DGV2P	VT2P,DG	95	145.1	32.7	4	30.9	444	24
THUNDER	6992 VT2P	VT2P,B	92	142.2	30.8	4	30.5	441	26
DAHLMAN	R48-28VT2PRIB GC	VT2P,B	95	141.7	34.3	5	31.5	428	30
TITAN PRO	90-94 2P GC	VT2P,B	94	140.5	29.1	2	32.9	442	25
HEFTY	H4322VT2PRIB	VT2P,B	93	140.2	31.6	6	32.9	432	28
RENK	RK433VT2P	VT2P	92	139.9	31.5	5	31.0	432	29
THUNDER	6791 VT2P	VT2P,B	91	139.2	29.3	1	20.3	437	27
DEKALB	DKC47-54 RIB CK	STX,B	97	135.6	31.9	2	28.1	417	33



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Averages = **144.1** **31.5** **6** **30.8** **445**
LSD (0.10) = 22.1 2.7 5
LSD (0.25) = 11.6 1.4 3
C.V. = 14.6

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