

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

2021 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 B2021SDNE04a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Oat / 24-D, Lv6
SOIL DESCRIPTION:	Vienna-Brookings silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.6 pH, 5.2% OM, 21.3 CEC
PEST MANAGEMENT:	Force, Resicore, Round Up
FERTILITY - Applied N:	175 Spring, 24 sulfur, zinc
Applied N-P-K (units):	175-50-50
SEEDED - RATE - ROW:	May 10 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 26 30.9 /A

TEST COMMENTS:

We had good conditions this spring and in June a nice even stand. Except for two small thistle patches, we had good weed control. This plot has good heavy soils and impressive stalk strength at harvest. The late-season test was 15 bushels better average than the early season test. Through July we show 6.5 inches below average rainfall. August was above average. The late-season tests showed the more consistent results this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	6215VT2PRO ↗	VT2P	95	213.0	17.1	1	31.9	1052	1
Federal	4185 VT2PRIB ↗	VT2P	91	207.8	16.2	1	31.9	1031	2
Latham	LH 4454 VT2P RIB ↗	VT2P	94	206.9	16.6	1	31.9	1025	3
Dairyland	DS-3550AM ↗	AM	95	206.1	16.5	1	31.0	1021	4
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	205.6	17.1	1	31.4	1015	5
NK Brand	NK9175-5222A EZR ↗	5222A	91	203.3	16.4	2	31.9	1008	7
Hefty	H4322 RIB ↗	VT2P	93	203.2	16.2	1	31.4	1009	6
Integra	4119 VT2PRIB ↗	VT2P	91	201.0	16.4	1	31.0	997	8
REA	4B958 ↗	VT2P	95	199.5	17.7	1	30.5	981	11
Thunder	T6294 VT2P ↗	VT2P	94	198.5	16.8	1	31.4	982	10
Renk	RK429-3220A ↗	3220A	93	198.4	15.7	1	31.9	988	9
Heine	6200VT2PRIB ↗	VT2P	95	198.1	16.9	4	31.4	979	12
REA	4B944 ↗	VT2P	94	197.4	17.0	1	31.9	975	14
Thunder	T6992 VT2P ↗	VT2P	92	197.1	16.6	2	31.9	976	13
Integra	4311 VT2PRIB ↗	VT2P	93	195.9	16.6	1	30.9	970	15
Latham	LH 4242 VT2P RIB ↗	VT2P	92	195.9	16.6	1	31.4	970	16
Titan Pro	82-95 2P ↗	VT2P	95	195.5	16.9	2	31.9	967	17
Heine	6450VT2PRO ↗	VT2P	95	195.5	17.7	1	31.9	962	18
Heine	6330DGV2PRO ↗	VT2PDG	95	194.4	17.1	1	30.9	960	19
Heine	6230VT2PRIB ↗	VT2P	95	193.0	16.6	1	31.0	956	20
Thunder	T6993 VT2P ↗	VT2P	93	192.5	16.1	1	31.4	956	21
Latham	LH 4517 VT2P RIB ↗	VT2P	95	192.3	16.8	2	30.5	951	22
Federal	4220 VT2PRIB ↗	VT2P	92	192.2	16.7	1	26.6	951	23
Hefty	H4332 RIB ↗	VT2P	93	191.6	16.4	1	31.9	950	24
Proseed	1794 VT2PRIB ↗	VT2P	94	191.5	16.6	1	30.0	948	25
Dairyland	DS-3366AM ↗	AM	93	191.2	16.4	1	31.9	948	26
Federal	4520 VT2PDG ↗	VT2PDG	95	190.1	16.6	1	30.0	942	27
Thunder	T6595 VT2P ↗	VT2P	95	190.0	17.2	1	28.6	937	28
Dairyland	DS-3162Q ↗	QR	91	188.0	15.6	1	30.5	937	29
Rob-See-Co	RC4166-3110A ↗	3110A	91	186.4	15.7	3	31.0	928	30
DeKalb	DKC47-54RIB CK	STX	97	187.2	17.6	1	31.4	921	31
				Averages =	190.5	16.5	1	30.9	944
				LSD (0.10) =	14.7	0.5	2		
				LSD (0.25) =	7.7	0.2	1		
				C.V. =	7.3	Historic yield: 188.59 bu/a, 15 yr(s)			

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.03 Prices: GMO = \$5.00

Report Date: 10/26/2021

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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