

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

2021 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] SALEM, SD
Ernie Christensen, McCook County, SD 57048

Early-Season Test	98 - 102 Day CRM B2021SDSE09a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Round-Up
SOIL DESCRIPTION:	Hand-Bonilla loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, high K, 5.5 pH, 4.2% OM, 20.3 CEC
PEST MANAGEMENT:	Harness, Atropine, Atrazine
FERTILITY - Applied N:	140 Fall, 45 Spring, 24 Sulfur, 2 Zinc
Applied N-P-K (units):	185-75-75
SEDED - RATE - ROW:	May 4 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 16 31.2 /A

TEST COMMENTS:

We had very good planting conditions this spring and were happy with our stand. The plot was looking good in June. At harvest, the drought took its toll and the stalks had become weak and the early season hybrids had the most severe lodging. Some of the plots had high lodging yet harvested ok while other plots laid flat and we couldn't pick them up for harvest. It seemed like two wind events happened as some stalks laid to the west and some laid to the east. The lodging also was more severe in certain sections of the plot and not solely attributed to variety. Plot yields were good but variable.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	46-02 ↗	CONV	102	239.1	16.3	2	31.6	1185	1
Thunder	T6902 VT2P ↗	VT2P	102	235.4	15.7	1	28.7	1172	2
Wyffels	W2506RIB ↗	VT2P	101	235.2	15.8	2	31.2	1170	3
REA	5B984 ↗	VT2P	98	229.1	14.4	3	30.1	1146	4
Titan Pro	84-01 ↗	CONV	101	227.8	15.1	2	30.1	1138	5
Titan Pro	92-99 2P ↗	VT2P	99	227.4	14.5	3	31.9	1137	6
Heine	7275TRE ↗	TRE	102	224.6	15.4	1	31.6	1120	7
Latham	LH 5245 VT2P RIB ↗	VT2P	102	223.0	15.5	1	31.9	1111	8
Miller Hybrids	M98-70 ↗	CONV	98	217.5	15.1	3	31.0	1086	9
Hefty	H5132 RIB ↗	VT2P	101	216.9	14.9	22	31.6	1084	10
Dairyland	DS-3959Q ↗	QR	99	215.7	15.0	1	31.2	1078	12
Rob-See-Co	RC5142-3110 ↗	3110	101	214.9	16.3	1	31.6	1065	16
Hefty	H4842 RIB ↗	VT2P	98	214.8	14.6	8	31.9	1074	13
Wyffels	W2648 ↗	STX	101	213.7	14.9	3	31.6	1068	14
Viking	44-98 ↗	CONV	98	213.1	14.4	1	31.9	1066	15
Latham	LH 5209 5222-EZ ↗	5222	102	211.3	16.6	4	30.9	1044	19
DenBesten	DB32-00 ↗	CONV	100	211.1	14.8	2	31.2	1056	17
Dyna-Gro	D43VC81 ↗	VT2P	102	210.6	15.8	9	31.2	1047	18
Thunder	T6999 VT2P ↗	VT2P	99	207.7	15.0	2	31.6	1038	20
Heine	6650TRE ↗	TRE	99	207.4	14.8	12	31.9	1037	21
Rob-See-Co	RC4817-CONV ↗	CONV	98	207.3	14.9	1	31.2	1036	22
Dairyland	DS-4000AMXT ↗	AMXT	100	206.2	14.5	8	31.2	1031	23
Thunder	T6100 VT2P ↗	VT2P	100	206.0	14.7	13	30.8	1030	24
Latham	LH 4957 VT2P RIB ↗	VT2P	99	205.3	14.6	7	29.0	1026	25
Renk	RK579DGV2P ↗	VT2PDG	99	205.2	15.2	1	31.6	1025	26
Hefty	H5055 ↗	TRE	100	204.3	15.0	20	31.9	1022	27
Thunder	T6298 VT2P ↗	VT2P	98	203.6	14.4	10	30.5	1018	28
Golden Harvest	G02K39-3120 EZR ↗	3120	102	202.9	14.5	1	31.2	1014	29
REA	5B012 ↗	VT2P	101	201.9	15.0	12	30.9	1010	30
Integra	4702 VT2PRIB ↗	VT2P	97	200.6	14.6	3	29.8	1003	31
REA	5B994 CK	VT2P	99	216.5	14.8	2	31.6	1082	11
				Averages =	199.9	15.0	9	31.2	994
				LSD (0.10) =	25.8	0.4	9		
				LSD (0.25) =	13.6	0.2	5		
				C.V. =	14.2				
				Historic yield: 194.67 bu/a, 12 yr(s)					



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.1 Drying = \$0.035 Prices: GMO = \$5.00

Report Date: 10/18/2021

† 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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