

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

<b>Full-Season Test</b>	103 - 107 Day CRM B2021SDSE09b
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Round-Up
<b>SOIL DESCRIPTION:</b>	Hand-Bonilla loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, high K, 5.5 pH, 4.2% OM, 20.3 CEC
<b>PEST MANAGEMENT:</b>	Harness, Atropine, Atrazine
<b>FERTILITY - Applied N:</b>	140 Fall, 45 Spring, 24 Sulfur, 2 Zinc
<b>Applied N-P-K (units):</b>	185-75-75
<b>SEDED - RATE - ROW:</b>	May 4 32.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 16 30.5 /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
Integra	5529 VT2PRIB ↗	VT2P	105	<b>231.2</b>	16.5	3	30.5	1144	1
Heine	7650VT2PRO ↗	VT2P	106	<b>227.5</b>	16.9	12	30.1	1123	2
Heine	7520STX ↗	STX	105	<b>221.0</b>	16.7	2	30.1	1092	3
Wyffels	W4246RIB ↗	VT2P	105	<b>220.8</b>	17.0	3	30.1	1089	4
Integra	5719 VT2PRIB ↗	VT2P	107	217.3	17.9	11	30.8	1064	10
Wyffels	W4588 ↗	STX	105	217.1	16.4	3	30.5	1075	5
Renk	RK710DGVT2P ↗	VT2PDG	107	217.1	17.0	5	30.5	1070	6
Heine	7730VT2PRO ↗	VT2P	107	216.7	16.8	4	30.9	1070	7
Rob-See-Co	RC5510-3220 ↗	3220	105	215.3	16.6	4	30.5	1065	9
Wyffels	W4196RIB ↗	VT2P	105	214.9	17.4	11	30.8	1056	12
Latham	LH 5377 VT2P RIB ↗	VT2P	103	214.8	16.3	12	31.2	1064	11
REA	6B043 ↗	VT2P	104	213.3	16.4	3	30.1	1055	13
Wyffels	W5086RIB ↗	VT2P	107	211.5	17.2	10	30.5	1041	15
Hefty	H5442 RIB ↗	VT2P	104	211.4	16.1	12	29.8	1048	14
REA	6A055 ↗	STX	105	209.8	17.7	7	29.8	1029	16
Hefty	H5432 RIB ↗	VT2P	104	207.3	16.3	14	30.8	1027	18
Renk	RK625DGVT2P ↗	VT2PDG	104	207.3	16.0	16	31.6	1029	17
Integra	5682 VT2PRIB ↗	VT2P	106	206.8	16.9	40	29.8	1021	21
Dairyland	DS-4310AM ↗	AM	103	206.6	16.6	5	29.8	1022	20
Heine	7450VT2PRO ↗	VT2P	104	205.8	15.9	24	30.5	1023	19
Latham	LH 5517 VT2P RIB ↗	VT2P	105	205.5	16.7	6	30.9	1015	23
Latham	LH 5487 VT2P RIB ↗	VT2P	104	205.4	16.4	14	30.5	1017	22
Dairyland	DS-4440AM ↗	AM	104	204.8	16.3	12	30.9	1015	24
Innotech	IC5480-3111A ↗	3111A	104	204.6	16.8	9	30.5	1010	25
Viking	51-04 ↗	CONV	104	203.5	17.3	11	31.2	1001	28
Miller Hybrids	RX03-47 ↗	CONV	103	202.4	15.7	3	30.8	1007	26
Hefty	H5655 ↗	TRE	106	202.4	16.1	5	31.2	1004	27
Golden Harvest	G07G73-5122 EZR ↗	5122	107	201.1	18.8	7	30.1	979	30
Miller Hybrids	M09-01 ↗	CONV	108	199.9	17.9	9	30.5	979	31
Thunder	T6004 VT2P ↗	VT2P	104	199.6	16.3	7	31.2	989	29
REA	5B994 CK	VT2P	99	214.8	16.0	2	30.9	1067	8
				<b>Averages =</b>	<b>198.8</b>	<b>16.6</b>	<b>12</b>	<b>30.5</b>	<b>983</b>
				<b>LSD (0.10) =</b>	21.0	0.5	10		
				<b>LSD (0.25) =</b>	11.1	0.3	5		
				<b>C.V. =</b>	11.6				
				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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