

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

## 2021 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] COLTON, SD  
Floyd Snoozy, Minnehaha County, SD 57018

<b>Full-Season Test</b>	103 - 107 Day CRM B2021SDSE08b
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybeans / Authority, Dual, Flexstar, Roundup
<b>SOIL DESCRIPTION:</b>	Egan-Ethan-Tetonka silty clay loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, very high K, 7.4 pH, 4.5% OM, 27.0 CEC
<b>PEST MANAGEMENT:</b>	Laudis, Stinger, Atrazine, Force
<b>FERTILITY - Applied N:</b>	130 Spring, 22 Foliar Rescue
<b>Applied N-P-K (units):</b>	152-125-150
<b>SEEDED - RATE - ROW:</b>	Apr 30 32.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 15 30.6 /A

### TEST COMMENTS:

There were excellent planting conditions, which contributed to even emergence. At harvest, the plot was in good shape with healthy stalks that stood well. The early season test had a better average yield because it sat lower in the field and benefitted from the extra moisture. In the late-season test, we saw a few plots that lodged and yields started to drop off as we climbed the side hill. The late-season test had some variable grain moistures from the change in soil conditions and drought. Overall there were good yields for a drought year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	T6204 VT2P ↗	VT2P	104	<b>248.7</b>	17.0	1	30.5	1226	1
Renk	RK625DGV2P ↗	VT2PDG	104	<b>242.9</b>	17.8	2	30.9	1190	2
Hefty	H5442 RIB ↗	VT2P	104	<b>240.7</b>	17.0	1	30.9	1187	3
Heine	7570STX ↗	STX	105	240.2	17.5	1	30.5	1180	4
Wyffels	W5086RIB ↗	VT2P	107	239.7	19.4	1	30.1	1162	7
Wyffels	W4196RIB ↗	VT2P	105	239.1	18.4	1	31.2	1167	6
Latham	LH 5487 VT2P RIB ↗	VT2P	104	237.8	17.5	1	30.9	1169	5
Rob-See-Co	RC5510-3220 ↗	3220	105	235.4	18.8	1	30.8	1146	10
Enestvedt	E598 ↗	CONV	106	235.1	17.8	1	31.2	1153	8
Renk	RK642VT2P ↗	VT2P	103	233.0	17.2	1	30.5	1147	9
Federal	5445 RR2 ↗	RR2	104	232.9	18.1	1	30.5	1139	14
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	232.7	17.4	1	30.8	1144	11
Viking	51-04 ↗	CONV	104	232.2	17.7	1	31.2	1139	15
Renk	RK710DGV2P ↗	VT2PDG	107	231.6	18.1	3	30.5	1133	17
Hefty	H5432 RIB ↗	VT2P	104	231.5	17.1	1	30.5	1141	12
Thunder	T6004 VT2P ↗	VT2P	104	231.1	16.9	1	31.2	1140	13
Heine	7450VT2PRO ↗	VT2P	104	230.9	17.5	1	30.1	1134	16
DenBesten	DB38-06 ↗	CONV	106	228.1	18.5	1	30.1	1113	19
Latham	LH 5377 VT2P RIB ↗	VT2P	103	227.1	16.9	1	30.1	1121	18
Hefty	H5212 RIB ↗	VT2P	102	226.4	17.3	2	31.2	1113	20
Rob-See-Co	RC5460-3000GT ↗	3000GT	104	225.8	17.8	1	31.6	1107	21
Latham	LH 5517 VT2P RIB ↗	VT2P	105	221.0	17.9	2	31.2	1083	22
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	219.1	17.9	3	30.5	1073	23
NK Brand	NK0748-5122 EZR ↗	5122	107	218.3	18.3	1	30.5	1066	24
Latham	LH 5646 PCE ↗	PC,E	106	217.4	18.0	3	29.8	1064	25
Thunder	T6107 VT2P ↗	VT2P	107	216.4	17.8	13	30.5	1061	29
Integra	5529 VT2PRIB ↗	VT2P	105	215.9	17.9	1	30.9	1058	30
Wyffels	W4246RIB ↗	VT2P	105	215.9	17.1	1	30.1	1064	26
Miller Hybrids	RX03-47 ↗	CONV	103	215.7	16.9	3	31.2	1064	27
Enestvedt	E539 ↗	CONV	103	215.5	17.1	3	30.8	1062	28
REA	5B994 CK	VT2P	99	191.5	16.6	3	30.9	947	56
				<b>Averages =</b>	<b>216.6</b>	<b>17.6</b>	<b>3</b>	<b>30.6</b>	<b>1063</b>
				<b>LSD (0.10) =</b>	24.0	0.8	ns		
				<b>LSD (0.25) =</b>	12.6	0.4	ns		
				<b>C.V. =</b>	12.2				
				Historic yield: 216.47 bu/a, 13 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: 10/17/2021

† 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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