

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

2021 Corn Grain Top 30 Harvest Report

South Dakota Southeast [SDSE] DELL RAPIDS, SD
Levi Brown, Minnehaha County, SD 57022

Full-Season Test	103 - 107 Day CRM B2021SDSE10b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Flexstar, Round-Up
SOIL DESCRIPTION:	Moody-Trent Complex silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, very high P, very high K, 5.8 pH, 5.2% OM, 24.3 CEC
PEST MANAGEMENT:	Force, Stinger, Tripleflex, Round-Up, Callisto
FERTILITY - Applied N:	65 Spring, 100 Sidedress
Applied N-P-K (units):	165-0-0
SEEDED - RATE - ROW:	Apr 30 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 29 30.6 /A

TEST COMMENTS:

This location had good conditions for planting this spring. Stand counts in June had consistent results and the plot was looking good. In August we scouted this plot and were surprised to see little drought stress and strong yield potential. A good clay soil base in the field helped to sustain yields in a drought year. At harvest, we saw higher stalk lodging scores that were associated with the variety. Great plot data and yield results at this location. The average yield of the trial is consistent with what the Browns saw in the rest of the field.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Heine	7650VT2PRO ↗	VT2P	106	289.3	17.2	6	29.4	1425	1
Latham	LH 5646 PCE ↗	PC,E	106	287.1	17.7	3	30.9	1408	2
Viking	72-06 ↗	CONV	106	278.1	17.5	7	30.5	1367	3
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	276.7	17.5	3	30.9	1359	4
Titan Pro	24-04 ↗	CONV	104	274.7	17.4	3	30.9	1350	5
Miller Hybrids	M06-62 ↗	CONV	105	273.4	17.1	2	29.0	1347	6
Heine	7520STX ↗	STX	105	270.1	16.5	4	31.9	1336	7
Wyffels	W4588 ↗	STX	105	269.3	16.6	3	30.5	1332	8
Thunder	T6004 VT2P ↗	VT2P	104	269.2	16.7	4	29.4	1330	9
Wyffels	W5086RIB ↗	VT2P	107	267.9	17.2	4	30.9	1319	11
Wyffels	W4246RIB ↗	VT2P	105	267.8	16.9	5	29.8	1321	10
Viking	84-05 ↗	CONV	105	267.1	16.9	4	30.9	1318	12
Epley	E1530 ↗	CONV	105	266.2	17.5	5	30.5	1308	13
Renk	RK710DGV2P ↗	VT2PDG	107	264.2	16.8	5	30.5	1304	15
Hefty	H5212 RIB ↗	VT2P	102	263.9	16.3	5	29.7	1307	14
Integra	5719 VT2PRIB ↗	VT2P	107	262.8	17.4	5	30.9	1292	18
Enestvedt	E539 ↗	CONV	103	262.5	16.2	3	30.1	1301	16
Enestvedt	E598 ↗	CONV	106	262.3	16.5	8	31.2	1298	17
Rob-See-Co	RC5460-3000GT ↗	3000GT	104	261.1	16.9	6	30.5	1288	19
Hefty	H5655 ↗	TRE	106	260.8	16.9	6	31.6	1286	21
Federal	5610 PCE ↗	PC,E	106	260.7	17.7	3	31.6	1279	25
DenBesten	DB38-06 ↗	CONV	106	260.7	16.8	3	30.1	1287	20
Golden Harvest	G07G73-5122 EZR ↗	5122	107	260.2	18.0	6	30.9	1274	27
Miller Hybrids	RX03-47 ↗	CONV	103	259.3	16.6	3	31.2	1282	24
Latham	LH 5377 VT2P RIB ↗	VT2P	103	259.2	16.1	8	29.4	1286	22
Golden Harvest	G03R40-5222 EZR ↗	5222	103	259.1	17.5	3	31.6	1273	28
Hefty	H5432 RIB ↗	VT2P	104	258.8	16.0	8	30.9	1285	23
Golden Harvest	G05K08-5122A EZR ↗	5122A	105	257.6	17.5	3	31.2	1266	29
Integra	5529 VT2PRIB ↗	VT2P	105	257.5	16.2	11	29.8	1276	26
Dairyland	DS-4310AM ↗	AM	103	256.7	17.1	3	30.9	1265	30
REA	5B994 CK	VT2P	99	245.6	16.0	7	29.8	1220	46
				Averages =	254.2	16.9	8	30.6	1254
				LSD (0.10) =	12.5	0.4	6		
				LSD (0.25) =	6.6	0.2	3		
				C.V. =	5.4				
				Historic yield: 212.79 bu/a, 3 yr(s)					



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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.2 Drying = \$0.035 Prices: GMO = \$5.00

Report Date: 11/01/2021

† 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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