

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

Early-Season Test	98 - 102 Day CRM B2021SDSE08a
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Authority, Dual, Flexstar, Roundup
SOIL DESCRIPTION:	Egan-Ethan-Tetonka silty clay loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 7.4 pH, 4.5% OM, 27.0 CEC
PEST MANAGEMENT:	Laudis, Stinger, Atrazine, Force
FERTILITY - Applied N:	130 Spring, 22 Foliar Rescue
Applied N-P-K (units):	152-125-150
SEDED - RATE - ROW:	Apr 30 32.0 /A 30" spacing
HARVESTED - STAND:	Oct 15 31.2 /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
Heine	6650TRE ↗	TRE	99	266.2	15.6	1	31.9	1326	2
REA	5B012 ↗	VT2P	101	264.6	15.2	1	30.8	1321	3
Rob-See-Co	RC4817-CONV ↗	CONV	98	262.8	16.1	1	31.2	1304	5
DenBesten	DB32-00 ↗	CONV	100	262.7	15.3	1	30.1	1311	4
Thunder	T6298 VT2P ↗	VT2P	98	260.0	14.5	1	31.6	1300	6
Viking	46-02 ↗	CONV	102	260.0	16.3	1	31.9	1288	9
Rob-See-Co	RC5142-3110 ↗	3110	101	259.7	15.8	1	31.6	1291	7
Hefty	H5055 ↗	TRE	100	259.4	16.0	1	31.6	1288	10
Wyffels	W2648 ↗	STX	101	259.1	16.1	1	30.8	1286	11
Dyna-Gro	D43VC81 ↗	VT2P	102	258.3	16.8	1	31.2	1275	13
Latham	LH 4957 VT2P RIB ↗	VT2P	99	258.3	15.2	1	29.0	1290	8
Hefty	H5132 RIB ↗	VT2P	101	257.7	15.3	1	31.2	1286	12
Golden Harvest	G02K39-3120 EZR ↗	3120	102	256.8	16.3	1	30.1	1273	14
Wyffels	W2236RIB ↗	VT2P	99	255.1	16.5	1	31.6	1262	18
Wyffels	W2016 ↗	VT2P	98	254.1	15.4	1	31.9	1267	15
Heine	7010VT2PRIB ↗	VT2P	100	253.9	15.2	1	31.9	1267	16
Hefty	H4942 RIB ↗	VT2P	99	253.4	15.0	1	31.9	1267	17
Thunder	T6999 VT2P ↗	VT2P	99	253.3	15.7	1	31.6	1260	19
Heine	7275TRE ↗	TRE	102	252.8	16.8	1	31.9	1248	22
REA	5A013 ↗	STX	101	252.2	15.7	1	30.5	1255	21
Viking	44-98 ↗	CONV	98	251.6	15.3	1	30.8	1256	20
Thunder	T8100 SS ↗	STX	100	251.3	16.1	1	31.9	1247	23
Latham	LH 5209 5222-EZ ↗	5222	102	250.5	18.0	1	30.8	1226	29
Heine	7320PC ↗	PC	102	248.0	17.0	1	30.5	1222	31
Latham	LH 5245 VT2P RIB ↗	VT2P	102	247.8	15.7	1	31.9	1233	25
Latham	LH 5025 VT2PDG RIB ↗	VT2PDG	100	247.2	15.6	1	30.8	1231	27
REA	5B984 ↗	VT2P	98	247.2	15.5	1	31.6	1232	26
Viking	52-00 ↗	CONV	100	247.2	15.3	1	29.8	1234	24
Renk	RK590VT2P ↗	VT2P	98	246.8	15.7	1	30.8	1228	28
Hefty	H4842 RIB ↗	VT2P	98	246.7	15.9	1	31.9	1226	30
REA	5B994 CK	VT2P	99	267.4	15.1	2	31.6	1336	1
				Averages =	243.2	15.9	1	31.2	1209
				LSD (0.10) =	16.7	0.4	0		
				LSD (0.25) =	8.8	0.2	0		
				C.V. =	7.6				
				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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