

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] NEW RICHLAND, MN

Leon Schoenrock, Waseca County, MN 56072

Early-Season Test	97 - 102 Day CRM B2021MNSE10a
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Flexstar, Section Three
SOIL DESCRIPTION:	Madelia Silty Clay Loam silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, medium K, 6.1 pH, 5.9% OM, 33.5 CEC
PEST MANAGEMENT:	Force, Laudis, Atrazine 4I
FERTILITY - Applied N:	149 Spring
Applied N-P-K (units):	149-65-120
SEDED - RATE - ROW:	Apr 24 35.3 /A 30" spacing
HARVESTED - STAND:	Sep 29 33.8 /A

TEST COMMENTS:

Soil planting conditions were good, with enough soil moisture for germination. A cold rain fell on May 28th, then June was very dry and hot, forcing the roots to go deep for moisture. Good rains fell during pollination. August was warm and dry again, but rain at the end of the month helped full-season corn finish strong. Harvest stands were excellent, but some hybrids showed signs of stalk and root lodging.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	46-02 ↗	CONV	102	248.2	18.9	0	32.6	1274	1
Dyna-Gro	D43VC81 ↗	VT2P	102	238.3	19.8	0	31.7	1217	2
Pioneer	P9823Q GC ↗	QR	98	235.4	18.7	0	33.9	1209	5
Federal	5280 VT2PRIB ↗	VT2P	102	235.3	18.3	2	32.6	1212	3
Anderson	507R ↗	RR2	102	234.7	18.1	0	34.8	1210	4
Hi Fidelity Genetics	HFG1002 ↗	CONV	100	232.0	17.8	0	34.4	1199	6
Thunder	T6902 VT2P ↗	VT2P	102	231.4	17.8	0	32.1	1195	7
Wyffels	W2506RIB ↗	VT2P	101	228.8	19.1	0	33.5	1173	8
Federal	5120 STX ↗	STX	101	227.8	19.1	0	34.4	1168	9
Titan Pro	22-00 2P ↗	VT2P	100	227.4	18.9	0	33.9	1167	10
Augusta	A2150-5222-EZ ↗	5222	100	227.0	19.8	0	34.4	1159	11
Gold Country	101-49RSS ↗	STX	101	225.5	18.7	0	34.8	1159	12
Federal	5280 CONV ↗	CONV	102	223.7	18.1	0	34.8	1153	13
Latham	LH 4957 VT2P RIB ↗	VT2P	99	223.1	17.8	3	33.0	1153	14
Thunder	T6999 VT2P ↗	VT2P	99	222.8	17.6	2	34.8	1152	15
Latham	LH 5245 VT2P RIB ↗	VT2P	102	222.6	18.2	1	33.0	1147	16
Titan Pro	84-01 ↗	CONV	101	222.3	18.4	0	33.5	1144	18
Titan Pro	92-99 2P ↗	VT2P	99	221.8	17.6	0	34.8	1147	17
Augusta	A3052-5222-EZ ↗	5222	102	220.5	21.0	2	35.3	1117	25
Dairyland	DS-3959Q ↗	QR	99	220.4	19.2	3	35.3	1129	19
Pioneer	P0075Q GC ↗	QR	100	219.2	18.6	1	35.3	1127	20
Hefty	H5144 ↗	STX	101	218.4	18.9	0	34.8	1121	21
Renk	RK590VT2P ↗	VT2P	98	218.2	19.1	0	34.8	1119	24
Viking	44-98 ↗	CONV	98	217.2	17.9	0	33.9	1121	22
Renk	RK600VT2P ↗	VT2P	100	217.2	18.2	0	33.5	1120	23
Dahlman	R50-25VT2PRIB ↗	VT2P	100	216.5	18.7	3	34.8	1113	28
Hefty	H4922 RIB ↗	VT2P	99	215.9	17.6	7	34.4	1116	27
Gold Country	97-14R2P ↗	VT2P	97	215.8	17.4	0	33.5	1117	26
NuTech	57A4Q ↗	QR	97	214.7	18.0	0	32.6	1108	29
Hefty	H5132 RIB ↗	VT2P	101	213.9	17.4	7	34.4	1108	30
DeKalb	DKC51-98RIB CK	STX	101	191.6	18.0	0	30.8	988	65
				Averages =	210.5	18.4	1	33.8	1084
				LSD (0.10) =	17.4	0.7	3		
				LSD (0.25) =	9.1	0.3	2		
				C.V. =	7.9				
				Historic yield: 202.64 bu/a, 20 yr(s)					

Mark Querna

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.25

Report Date: 09/30/2021

Additional reports available at www.firstseedtests.com

† 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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2021 Corn Grain Top 30 Harvest Report

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Leon Schoenrock, Waseca County, MN 56072

Full-Season Test	103 - 107 Day CRM B2021MNSE10b
Top 30 of 58	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Flexstar, Section Three
SOIL DESCRIPTION:	Madelia Silty Clay Loam silty clay loam, mod. well drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, medium K, 6.1 pH, 5.9% OM, 33.5 CEC
PEST MANAGEMENT:	Force, Laudis, Atrazine 4I
FERTILITY - Applied N:	149 Spring
Applied N-P-K (units):	149-65-120
SEDED - RATE - ROW:	Apr 24 35.3 /A 30" spacing
HARVESTED - STAND:	Sep 29 34.0 /A

TEST COMMENTS:

Soil planting conditions were good, with enough soil moisture for germination. A cold rain fell on May 28th, then June was very dry and hot, forcing the roots to go deep for moisture. Good rains fell during pollination. August was warm and dry again, but rain at the end of the month helped full-season corn finish strong. Harvest stands were excellent, but some hybrids showed signs of stalk and root lodging.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	266.1	20.6	0	34.8	1353	2
Dahlman	R53-350SSRIB ↗	STX	106	266.0	21.3	0	33.0	1346	3
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	265.6	19.9	12	34.8	1355	1
Viking	51-04 ↗	CONV	104	263.2	20.7	0	33.9	1337	4
Latham	LH 5646 PCE ↗	PC,E	106	262.0	21.2	3	34.4	1327	5
DeKalb	DKC56-65RIB GC ↗	STX	105	259.3	21.4	0	33.9	1312	6
Gold Country	106-96RSS ↗	STX	106	258.2	20.9	0	34.4	1310	7
NK Brand	NK0624-5222 EZR ↗	5222	106	258.0	21.9	0	33.9	1301	10
Federal	5610 CONV ↗	CONV	106	257.5	20.8	0	34.8	1307	8
Pioneer	P0622Q GC ↗	QR	106	257.5	22.2	0	34.4	1297	13
Titan Pro	24-04 ↗	CONV	104	256.7	21.5	6	34.4	1298	12
Enestvedt	E598 ↗	CONV	106	256.3	20.9	0	34.4	1300	11
Renk	RK710DGVT2P ↗	VT2PDG	107	256.3	20.6	2	32.6	1303	9
Dairyland	DS-4510Q ↗	QR	105	255.2	20.9	0	35.3	1294	15
Latham	LH 5725 VT2P RIB ↗	VT2P	107	254.2	21.4	0	33.9	1286	16
Dairyland	DS-4310AM ↗	AM	103	253.9	19.8	0	33.9	1296	14
Federal	5610 PCE ↗	PC,E	106	253.7	21.8	0	33.0	1280	17
Wyffels	W5086RIB ↗	VT2P	107	253.4	22.0	0	34.8	1277	18
NK Brand	NK0748-5122 EZR ↗	5122	107	251.6	23.8	4	34.4	1255	20
Golden Harvest	G07G73-5122 EZR ↗	5122	107	250.4	23.3	10	34.4	1252	23
NuTech	64B5Q ↗	QR	104	248.0	21.3	0	34.4	1255	21
Hefty	H5655 ↗	TRE	106	246.7	19.0	0	34.4	1266	19
Wyffels	W4196RIB ↗	VT2P	105	244.9	20.6	0	34.8	1245	24
DeKalb	DKC54-38RIB GC ↗	STX	104	244.4	19.1	0	34.8	1253	22
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	243.7	20.7	0	33.5	1238	25
Viking	84-05 ↗	CONV	105	243.6	20.6	0	33.5	1238	26
Dahlman	R52-26VT2PRIB ↗	VT2P	104	242.8	20.2	0	32.1	1237	27
NK Brand	NK0472-5222 EZR ↗	5222	104	242.4	20.7	0	33.5	1231	29
Latham	LH 5377 VT2P RIB ↗	VT2P	103	242.2	20.3	0	34.4	1233	28
Renk	RK625DGVT2P ↗	VT2PDG	104	239.7	18.8	13	34.4	1231	30
DeKalb	DKC51-98RIB CK	STX	101	222.7	19.9	0	29.4	1136	52
				Averages =	241.6	20.5	1	34.0	1228
				LSD (0.10) =	16.2	0.8	ns		
				LSD (0.25) =	8.5	0.4	ns		
				C.V. =	6.4				
				Historic yield: 202.64 bu/a, 20 yr(s)					

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