

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN

Eric Lee, Mower County, MN 55926

Early-Season Test	97 - 102 Day CRM B2021MNSE12a
Top 30 of 72	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Matador
SOIL DESCRIPTION:	Readlyn Silt Loam silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, medium P, medium K, 6.2 pH, 3.7% OM, 20.8 CEC
PEST MANAGEMENT:	Resicore, Force, Laudis, Atrazine, Trivapro Post-Tassel
FERTILITY - Applied N:	100 Fall, 46 Spring, 12# Sulfur
Applied N-P-K (units):	146-42-102
SEEDED - RATE - ROW:	Apr 26 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 20 32.9 /A

TEST COMMENTS:

We planted into good conditions on this strip-tilled field. A frost on May 27 affected some of the plants in the lower-lying north end of the plot site. Warm and dry weather in June caused the roots to go deep in search of moisture. This helped sustain the corn through rainfall that was about 5.5" below normal. Rainfall came just in time to keep the crop growing. Corn generally stood quite well here at harvest. Warm temperatures up to harvest allowed early and full-season varieties to express their yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	NK9930-5122 EZR ↗	5122	99	241.4	19.8	1	31.2	1233	1
Hefty	H4922 RIB ↗	VT2P	99	237.6	18.0	1	33.0	1226	2
Wyffels	W2506RIB ↗	VT2P	101	236.7	19.0	0	33.0	1214	3
Latham	LH 5159 SS RIB ↗	STX	101	235.9	19.1	0	31.2	1209	5
Thunder	T8100 SS ↗	STX	100	235.1	18.5	0	34.6	1210	4
Titan Pro	84-01 ↗	CONV	101	235.0	19.2	0	33.0	1204	6
Federal	5280 VT2PRIB ↗	VT2P	102	234.2	18.6	0	33.0	1204	7
Dyna-Gro	D43VC81 ↗	VT2P	102	232.0	19.5	0	30.8	1186	8
Anderson	507R ↗	RR2	102	227.2	19.3	0	34.8	1163	9
Federal	5280 CONV ↗	CONV	102	226.6	18.9	0	31.7	1163	10
Augusta	A3052-5222-EZ ↗	5222	102	223.4	20.7	0	33.5	1134	14
Pioneer	P9823Q GC ↗	QR	98	222.8	18.4	0	33.5	1147	11
Dairyland	DS-3959Q ↗	QR	99	222.7	18.8	0	32.6	1144	12
NuTech	58B1AM ↗	AM	98	220.5	18.0	0	32.6	1138	13
Federal	5120 STX ↗	STX	101	219.9	19.2	0	33.0	1127	15
Viking	46-02 ↗	CONV	102	218.8	19.0	0	33.0	1122	17
Augusta	A2150-5222-EZ ↗	5222	100	218.4	19.9	1	33.9	1115	20
Dahlman	R50-25VT2PRIB ↗	VT2P	100	218.0	19.1	1	33.5	1118	18
Thunder	T6100 VT2P ↗	VT2P	100	217.9	18.0	0	33.0	1124	16
Latham	LH 5245 VT2P RIB ↗	VT2P	102	217.8	19.4	0	32.6	1115	21
Dyna-Gro	D42SS20 ↗	STX	102	217.2	18.4	0	33.0	1118	19
Thunder	T6902 VT2P ↗	VT2P	102	216.5	18.8	0	32.1	1112	23
NK Brand	NK0243-5122 EZR ↗	5122	102	216.2	20.3	1	33.5	1101	27
Renk	RK579DGV2P ↗	VT2PDG	99	215.5	18.3	0	34.4	1110	24
Dairyland	DS-3715AM ↗	AM	97	215.4	17.5	0	33.0	1115	22
Titan Pro	11-98 2P ↗	VT2P	98	215.0	18.2	0	33.9	1108	25
Dairyland	DS-3727AM ↗	AM	97	214.9	18.3	0	33.9	1107	26
Anderson	726VT2P ↗	VT2P	98	213.0	19.0	0	34.8	1093	29
Pioneer	P0075Q GC ↗	QR	100	212.8	18.8	0	34.4	1093	30
Latham	LH 5047 VT2P RIB ↗	VT2P	100	212.4	18.0	0	32.6	1096	28
DeKalb	DKC51-98RIB CK	STX	101	202.9	18.8	0	29.0	1042	54
				Averages =	211.4	18.7	0	32.9	1087
				LSD (0.10) =	15.8	0.8	ns		
				LSD (0.25) =	8.3	0.4	ns		
				C.V. =	7.1				
				Historic yield: 204.04 bu/a, 12 yr(s)					

Mark Querna

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

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

Report Date: 10/21/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com

Test by: Southern MN FIRST New Richland, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN

Eric Lee, Mower County, MN 55926

Full-Season Test	103 - 107 Day CRM B2021MNSE12b
Top 30 of 58	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Matador
SOIL DESCRIPTION:	Readlyn Silt Loam silt loam, well drained, non-irrigated
SOIL CONDITION:	Strip-Till, medium P, medium K, 6.2 pH, 3.7% OM, 20.8 CEC
PEST MANAGEMENT:	Resicore, Force, Laudis, Atrazine, Trivapro Post-Tassel
FERTILITY - Applied N:	100 Fall, 46 Spring, 12# Sulfur
Applied N-P-K (units):	146-42-102
SEEDED - RATE - ROW:	Apr 26 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 20 33.1 /A

TEST COMMENTS:

We planted into good conditions on this strip-tilled field. A frost on May 27 affected some of the plants in the lower-lying north end of the plot site. Warm and dry weather in June caused the roots to go deep in search of moisture. This helped sustain the corn through rainfall that was about 5.5" below normal. Rainfall came just in time to keep the crop growing. Corn generally stood quite well here at harvest. Warm temperatures up to harvest allowed early and full-season varieties to express their yields.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	106-96RSS ↗	STX	106	263.5	20.1	0	33.9	1343	1
Federal	5610 PCE ↗	PC,E	106	256.5	21.5	0	31.2	1296	3
Latham	LH 5725 VT2P RIB ↗	VT2P	107	256.1	21.2	0	33.9	1297	2
Dairyland	DS-4310AM ↗	AM	103	253.7	19.8	0	33.0	1295	4
Viking	84-05 ↗	CONV	105	252.1	21.0	0	33.0	1278	6
Enestvedt	E539 ↗	CONV	103	249.7	18.7	0	34.4	1283	5
NuTech	66C2Q ↗	QR	106	248.8	20.8	0	33.5	1263	9
Dyna-Gro	D44SS54 GC ↗	STX	104	248.6	19.6	3	33.9	1271	8
NK Brand	NK0748-5122 EZR ↗	5122	107	248.5	22.3	0	33.0	1250	10
Renk	RK642VT2P ↗	VT2P	103	248.3	19.0	1	33.0	1274	7
Latham	LH 5646 PCE ↗	PC,E	106	246.3	21.7	1	33.5	1243	13
Golden Harvest	G04G36-3111A EZR ↗	3111A	104	245.6	20.5	0	34.8	1249	11
Gold Country	103-58RSS ↗	STX	103	244.4	20.6	0	33.0	1242	14
Titan Pro	84-03 2P ↗	VT2P	103	244.0	19.5	0	31.7	1248	12
Hi Fidelity Genetics	HFG1051 ↗	CONV	105	242.2	20.6	0	29.9	1231	16
Wyffels	W4196RIB ↗	VT2P	105	242.1	20.0	0	32.1	1235	15
NuTech	64B5Q ↗	QR	104	241.7	20.3	1	31.7	1231	17
Wyffels	W5086RIB ↗	VT2P	107	240.5	20.8	2	33.5	1221	18
Viking	51-04 ↗	CONV	104	239.6	20.8	1	33.9	1216	19
Renk	RK710DGVT2P ↗	VT2PDG	107	238.8	20.3	2	32.6	1216	20
Golden Harvest	G07G73-5122 EZR ↗	5122	107	235.8	21.2	2	32.6	1194	25
Dairyland	DS-4440AM ↗	AM	104	235.4	20.4	0	33.0	1197	21
Hi Fidelity Genetics	HFG1071 ↗	CONV	105	234.7	20.2	0	33.0	1196	23
Pioneer	P0404Q GC ↗	QR	104	234.2	19.7	0	32.6	1196	24
Latham	LH 5389 SS RIB ↗	STX	103	233.8	19.4	2	33.3	1197	22
Titan Pro	24-04 ↗	CONV	104	232.5	21.3	0	33.5	1177	28
Federal	5610 CONV ↗	CONV	106	232.4	20.4	2	33.9	1183	27
Enestvedt	E598 ↗	CONV	106	232.3	20.2	0	33.9	1184	26
Dairyland	DS-4510Q ↗	QR	105	230.6	20.3	1	30.8	1174	29
Dahlman	R52-24VT2PRIB ↗	VT2P	103	228.3	19.6	0	33.0	1167	30
DeKalb	DKC51-98RIB CK	STX	101	204.7	19.3	0	31.2	1048	55
				Averages =	230.8	20.2	1	33.1	1176
				LSD (0.10) =	19.7	0.7	2		
				LSD (0.25) =	10.4	0.4	1		
				C.V. =	8.1				
				Historic yield: 204.04 bu/a, 12 yr(s)					

Mark Querna

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$5.25

Report Date: 10/21/2021

† 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

©2021, All rights reserved by Elite Field Genetics, LLC

Additional reports available at www.firstseedtests.com