

Test by: Southern MN FIRST New Richland, MN

2020 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN
Eric Lee, Mower County, MN 55926

Early-Season Test	97 - 102 Day CRM B2020MNSE11a
Top 30 of 71	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore
SOIL DESCRIPTION:	Readlyn silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, high K, 5.9 pH, 4.0% OM, 23.3 CEC
PEST MANAGEMENT:	Force, Resicore
FERTILITY - Applied N:	113 Spring, 70 Sidedress
Applied N-P-K (units):	183-65-135
SEEDED - RATE - ROW:	Apr 23 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.3 /A

TEST COMMENTS:

Lack of rain in early May, and then a cold and wet spell, led to uneven early growth. Wind downdrafts caused severe stalk lodging in some random areas. Urea was custom side-dressed to this corn after corn site, but tire damage to some rows accidentally occurred during the application. Too many individual plots were affected at this site to show accurate yield comparisons between products.

Company/Brand	Product/Brand	Yield	Moisture %	Lodging %	Stand	Gross Income	Rank	
		bu	%	%	/a 2020	\$/bu		
VRINO	55-52	COMV	102	18.8	1	33.0	794	1
NUTECH	575846	AKL.B	97	17.8	0	35.3	755	2
FEDERAL	5260 COMV	COMV	101	19.4	1	28.1	758	4
ELITE FIELD GENETICS	WFO1501	COMV	100	19.4	2	27.2	750	7
AUGUSTA	2040	520L.B	95	19.2	1	31.0	759	9
NEW	PROGRESSIVE	VTOPB	97	18.1	0	33.9	755	9
WHITELE	W02086	VTOPB	95	19.1	1	31.0	752	9
NUTECH	62482	GR.B	100	19.9	1	31.0	699	9
WHITELE	W02086	VTOPB	95	19.9	1	31.0	695	9
TRIM PRO	54-21 VTOPB	VTOPB	97	19.2	1	29.8	690	10
NEW	PROGRESSIVE	57L.B	100	19.0	0	30.8	671	12
NUTECH	58512	GR.B	98	19.0	0	31.7	670	12
VRINO	52-55	COMV	100	19.4	1	34.8	672	11
DUNFORD	55-575846	AKL.B	98	19.3	0	33.9	659	16
DUNFORD	55-575846	AKL.B	98	19.3	0	29.4	659	16
GOLD COUNTRY	10-27	COMV	102	19.4	1	31.8	656	17
AUGUSTA	2040	520L.B	98	17.9	2	34.8	656	16
FEDERAL	5260 VTOPB	VTOPB	102	19.2	1	32.8	655	18
EASTWEST	52600 RB	VTOPB	100	19.3	1	32.8	643	23
NUTECH	575710	AKL.B	97	19.3	0	34.4	649	20
GOLD COUNTRY	55-57	VTOP	98	19.4	0	32.1	648	21
NUTECH	575710	AKL.B	101	19.3	1	31.2	640	26
FEDERAL	5260	VTOPB	98	19.1	1	33.8	640	22
TRIM PRO	54-21	COMV	102	19.7	0	29.0	638	27
AUGUSTA	2040	520L.B	102	19.4	0	33.9	629	21
VRINO	44-55	COMV	98	19.2	4	35.3	650	19
ANDERSON	6088	RB	98	19.0	1	32.1	639	26
EASTWEST	52600 RB	VTOPB	98	19.9	1	34.0	641	24
NEW	PROGRESSIVE	57L.B	100	19.0	0	35.3	637	25
LATHAM	14-400 VTOP RB	VTOPB	98	19.9	2	32.8	638	26
Averages			102.5	18.3	2	32.3	616	
LSD (0.10)			18.9	0.6	3			
LSD (0.25)			9.9	0.3	2			
C.V.			9.8					Historic yield: 209.6 bu/a, 11 yr(s)

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.50

Report Date: 10/25/2020

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

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2020 Corn Grain Top 30 Harvest Report

Minnesota Southeast [MNSE] DEXTER, MN

Eric Lee, Mower County, MN 55926

Full-Season Test	103 - 107 Day CRM B2020MNSE11b
Top 30 of 60	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Corn / Resicore
SOIL DESCRIPTION:	Readlyn silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, medium P, high K, 5.9 pH, 4.0% OM, 23.3 CEC
PEST MANAGEMENT:	Force, Resicore
FERTILITY - Applied N:	113 Spring, 70 Sidedress
Applied N-P-K (units):	183-65-135
SEEDED - RATE - ROW:	Apr 23 35.3 /A 30" spacing
HARVESTED - STAND:	Oct 24 32.6 /A

TEST COMMENTS:

Lack of rain in early May, and then a cold and wet spell, led to uneven early growth. Wind downdrafts caused severe stalk lodging in some random areas. Urea was custom side-dressed to this corn after corn site, but tire damage to some rows accidentally occurred during the application. Too many individual plots were affected at this site to show accurate yield comparisons between products.

Company/Brand	Product/Brand	Yield	Moisture %	Lodging %	Stand	Gross Income		
		bu/a			in 2020	\$/bu		
Titan Pro	24-24	104	248.7	21.7	1	21.2	788	1
GOLDEN HARVEST	GM200-4222-42N	103	238.8	20.5	0	24.4	791	2
NUTECH	88748	107	233.3	20.9	0	25.3	729	3
DEKALB	DKC24-2898-02	104	214.8	20.1	0	25.3	758	4
AUGUSTA	289-02	106	214.8	20.4	0	25.3	758	5
PIONEER	3P090-02	105	213.3	19.8	0	25.3	758	6
DARTLAND	DS-44000	109	211.0	21.0	0	25.3	808	8
LATHAM	LH-5725-VTOP-88	107	211.4	21.0	1	25.3	807	11
WHITFIELD	W4248	105	211.4	19.9	0	25.3	753	7
NEW	NR1200V-TOP	105	209.9	19.9	0	25.3	804	9
HEFTY	H200000	104	209.9	20.0	1	25.3	804	10
GOLD COUNTRY	107-840P	107	209.9	19.9	1	25.3	804	12
HEFTY	H200000	105	209.9	20.0	1	25.3	804	14
VRING	51-24	105	209.9	20.2	0	25.3	804	13
TITAN PRO	24-22-2P	105	209.9	20.2	0	21.7	878	15
GOLD COUNTRY	108-840P	105	209.2	21.6	4	25.3	801	21
NR BRAND	NR2004-4222-42N	105	209.2	20.3	0	25.3	800	17
PIONEER	3P090-02	106	209.9	21.7	1	21.8	400	27
AUGUSTA	4707-02	107	209.7	21.7	0	24.8	400	28
NEW	NR2004	106	209.3	20.8	1	21.2	801	22
LATHAM	LH-5714	107	209.4	20.3	1	25.9	802	19
WHITFIELD	VTOP8	105	209.1	19.7	1	25.9	800	16
NUTECH	88748	105	209.9	19.9	0	25.3	871	18
GOLDEN HARVEST	GM200-4222-42N	104	209.2	19.9	0	25.3	801	23
VRING	54-25	105	199.4	20.4	2	25.9	807	25
EASTWEST	838	105	199.3	19.0	1	25.0	802	20
GOLD COUNTRY	108-11	104	197.2	19.2	2	25.9	807	26
PIONEER	3P090-02	104	197.0	19.0	1	24.8	400	24
NEW	NR2004V-TOP	105	196.1	19.1	1	25.9	800	29
LATHAM	LH-5717-VTOP-88	105	195.0	19.2	4	21.2	401	30
Averages		104.7	209.7	20.0	2	25.3	804	
LSD (0.10)		18.9	0.8	3				
LSD (0.25)		9.9	0.4	2				
C.V.		9.2						

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Averages =	194.7	20.0	2	32.6	643
LSD (0.10) =	18.9	0.8	3		
LSD (0.25) =	9.9	0.4	2		
C.V. =	9.2				

Historic yield: 209.6 bu/a, 11 yr(s)

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.50

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2020 Corn - Minnesota Southeast [MNSE]



Early-Season Test Products (71 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	609R	RR2	98	MQ
ANDERSON	611SRC	STX,B	100	AC
ANDERSON	611VT2P	VT2P,B	100	AC
ANDERSON	6898	CONV	98	MQ
ANDERSON	745SRC	STX	97	AC
AUGUSTA	2050	VT2P	100	AC,P5V
AUGUSTA	2345	3220,B	95	C2
AUGUSTA	3052	5222,B	102	AVC
CHANNEL	199-11SXTRIB	STX,B	99	AC,P5V,EDC-EL
CHANNEL	200-67VT2PRIB	VT2P,B	100	AC,P5V,EDC-EL
DAIRYLAND	DS-3715AMRIB	AM,B	97	Lum,P5V
DAIRYLAND	DS-3810Q	QR,B	98	Lum,P1V
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	Lum,P1V
DAIRYLAND	DS-4014Q	QR,B	100	Lum,P1V
DAIRYLAND	DS-4018AM	AM,AQ,B	101	Lum,P5V
DEKALB	DKC47-54RIB GC	STX,B	97	AC,P5V,EDC-EL
DEKALB	DKC52-35RIB CK	VT2P,B	102	AC,P5V,EDC-EL
DYNA-GRO	D40VC41	VT2P	100	AC,P5V,EDC-B
DYNA-GRO	D43VC81	VT2P	102	AC,P5V,EDC-B
ENESTVEDT	E658DP RIB	VT2P,B	96	AC,P2
ENESTVEDT	E696SS RIB	STX,B	100	AC,P5V
ENESTVEDT	E699DP RIB	VT2P,B	99	AC,P2
FEDERAL	4700 STXRIB	STX,B	97	AC,P5V,MAG
FEDERAL	4990 VT2PRIB	VT2P,B	99	AC,P2,MAG
FEDERAL	5110 STX	STX	101	AC,P5V,MAG
FEDERAL	5280 CONV	CONV	101	CM,C2,Vi
FEDERAL	5280 VT2PRIB	VT2P,B	102	AC,P2,MAG
GOLD COUNTRY	102-07	CONV	102	AC
GOLD COUNTRY	97-14R2P	VT2P	97	AC
GOLD COUNTRY	97-75R2P	VT2P	97	AC
GOLD COUNTRY	98-11R2P	VT2P,B	98	AC
GOLD COUNTRY	99-01R2P	VT2P	99	AC
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	AVC,C2,Vi
GOLDEN HARVEST	G99E68-5122-EZR	5122,B	99	AVC,C2,Vi
HEFTY	H4734SSRIB	STX,B	97	HC
HEFTY	H4842VT2P	VT2P	98	HC

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
HEFTY	H4922VT2PRIB	VT2P,B	99	HC
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	HC
HEFTY	H5132VT2P	VT2P	101	HC
HI FIDELITY GENETICS	HFG1001	CONV	100	AC,P5V
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	AC250
LATHAM	LH 4989 SS RIB	STX,B	99	AC,P5V
LATHAM	LH 5047 VT2P RIB	VT2P,B	100	AC250
LATHAM	LH 5077 VT2P RIB	VT2P,B	100	AC250
NK BRAND	NK0243-5122-EZR	5122,B	102	AVC,C2,Vi
NK BRAND	NK9991-5122-EZR	5122,B	99	AVC,C5,Vi
NORTHSTAR	NS 100-121	STX,B	100	NA
NORTHSTAR	NS 97-547	VT2P,B	97	NA
NORTHSTAR	NS 98-513 STXRIB	STX,B	98	NA
NUTECH	57B3AM	AM,B	97	P1V,RN
NUTECH	58B1Q	QR	98	P1V,RN
NUTECH	5F-601AM	AM,B	101	P1V,RN
NUTECH	62A8Q	QR,B	102	P1V,RN
NUTECH	E57C1CYFR	QR	97	P1V,RN
RENK	RK593VT2PRIB	VT2P,B	97	AC,P2
RENK	RK600SSTX	STX,B	100	AC,P5V
RENK	RK626SSTX	STX	102	AC,P5V
RENK	RK695GTCBLLBL	3220	102	CM,C2
TITAN PRO	22-00 2P	VT2P,B	100	AC250
TITAN PRO	26-00	5222,B	100	C2
TITAN PRO	84-01 VT2PRIB	VT2P,B	101	AC250
TITAN PRO	91-02	CONV	102	C2
TITAN PRO	92-99 2P	VT2P,B	99	AC250
VIKING	44-98	CONV	98	CM,C2,Sb
VIKING	52-00	CONV	100	CM,C2,Sb
VIKING	55-02	CONV	102	CM,C2,Sb
VIKING	99-00	CONV	100	CM,C2,Sb
WYFFELS	W2198RIB	STX,B	100	AC,P5V
WYFFELS	W2236RIB	VT2P,B	99	AC250
WYFFELS	W2506RIB	VT2P,B	101	AC250
WYFFELS	W3018	STX	102	AC,P5V

2020 Corn - Minnesota Southeast [MNSE]

Full-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2756 GC	3000GT	106	CM,C2
AUGUSTA	2856 GC	3220,B	106	AVC,C2
AUGUSTA	3053	5222,B	103	AVC,C2
AUGUSTA	4757 GC	VT2P	107	AC,P5V
DAIRYLAND	DS-4310AMRIB	AM,B	104	Lum,P5V
DAIRYLAND	DS-4440AM	AM,B	104	Lum,P5V
DAIRYLAND	DS-4580Q	QR,B	104	Lum,P5V
DEKALB	DKC52-35RIB CK	VT2P,B	102	AC,P5V,EDC-EL
DEKALB	DKC54-38RIB GC	STX,B	104	AC,P5V,EDC-B
DEKALB	DKC54-64RIB GC	STX,B	104	AC,P5V,EDC-EL
DEKALB	DKC55-53RIB GC	STX,B	105	AC,P5V,EDC-EL
DYNA-GRO	D44SS54	STX	104	AC,P5V,EDC-B
ENESTVEDT	E539	CONV	103	CM,C2,Vi
FEDERAL	5700 VT2P	VT2P	107	AC,P5V,MAG
GOLD COUNTRY	103-58RSS	STX	103	AC
GOLD COUNTRY	104-11	CONV	104	AC
GOLD COUNTRY	106-09R2P	VT2P	106	AC
GOLD COUNTRY	106-96RSS	STX,B	106	AC
GOLD COUNTRY	107-84R2P	VT2P	107	AC
GOLDEN HARVEST	G03R40-5222-EZR	5222,B	103	AVC,C2,Vi
GOLDEN HARVEST	G04G36-3111A	3111A	104	AVC,C2,Vi
GOLDEN HARVEST	G06Q68-5222-EZR	5222,B	106	AVC,C2,Vi
HEFTY	H5432VT2PRIB	VT2P,B	104	HC
HEFTY	H5444SS	STX	104	HC
HEFTY	H5522VT2PRIB	VT2P,B	105	HC
HEFTY	H5524SSRIB	STX,B	105	HC
HEFTY	H5624SSRIB	STX,B	106	HC
HI FIDELITY GENETICS	HFG1071	CONV	107	AC,P5V
LATHAM	LH 5377 VT2P RIB	VT2P,B	103	AC250
LATHAM	LH 5389 SS RIB	STX,B	103	AC,P5V
LATHAM	LH 5517 VT2P RIB	VT2P,B	105	AC250
LATHAM	LH 5725 VT2P RIB	VT2P,B	107	AC250
LATHAM	LH 5739 SS RIB	STX,B	107	AC,P5V
NK BRAND	NK0472-5222-EZR	5222,B	104	AVC,C2,Vi
NK BRAND	NK0624-5222-EZR	5222,B	106	AVC,C2,Vi
NORTHSTAR	NS 103-537	VT2P,B	103	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
NORTHSTAR	NS 104-321	5122,B	104	NA
NORTHSTAR	NS 105-558VT2PRIB	VT2P,B	105	NA
NORTHSTAR	NS 106-186SSRIB	STX,B	106	NA
NUTECH	63C4Q	QR,B	103	P1V,RN
NUTECH	64D1YHR	AM,B	104	P1V,RN
NUTECH	65H2Q	QR,B	105	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
PIONEER	P0421Q GC	QR,B	104	NA
PIONEER	P0589 GC	AQ	105	NA
PIONEER	P0688Q GC	QR	106	NA
RENK	RK642VT2P	VT2P,B	103	AC,P2
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK710DGV2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
TITAN PRO	20-05	STX,B	105	AC250
TITAN PRO	24-04	PC	104	C2
TITAN PRO	26-03 5222	5222,B	103	C2
TITAN PRO	84-03 2P	VT2P,B	103	AC250
TITAN PRO	96-06 2P	VT2P,B	106	AC250
VIKING	42-05	CONV	105	CM,C2,Sb
VIKING	51-04	CONV	104	CM,C2,Sb
VIKING	84-05	CONV	105	CM,C2,Sb
WYFFELS	W4196RIB	VT2P,B	105	AC250
WYFFELS	W4246	VT2P	105	AC250

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.

CK Identifies a check product included in early- and full-season tests.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT	RR2	Roundup Ready® 2 Corn
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)	STX	SmartStax®
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	VT2P	Genuity® VT Double PRO®
5122	Agrisure® Duracade™ 5122	VT2PDG	Genuity® VT Double PRO® DroughtGard®
5222	Agrisure® Duracade™ 5222		
AM	Optimum® AcreMax®		
AMXT	Optimum® AcreMax® Xtreme		
AQ	Optimum® AQUAmax®		
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge		
CONV	Conventional		
PC	PowerCore™		
QR	Qrome™		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

AC	Acceleron®, unspecified	CM,C2	CruiserMaxx 250
AC250	Acceleron 250	CM,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
AC,P2	Acceleron, Poncho 250	CM,C2,Vi	CruiserMaxx 250 with Vibrance
AC,P2,MAG	Acceleron 250, Federal ArmourGuard	HC	Hefty Complete
AC,P5V	Acceleron, Poncho 500/Votivo	Lum,P1V	Lumigen Poncho 1250/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control	Lum,P5V	Lumigen Poncho 500/Votivo
AC,P5V,EDC-EL	Acceleron, ELITE Poncho 500/Votivo with Enhanced Disease Control	MQ	Maxim Quattro
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmorGuard	NA	Unknown
AVC	Avicta® Complete Corn	P1V,RN	Poncho 1250/Votivo, Rancona®
AVC,C2	Avicta Complete 250		
AVC,C2,Vi	Avicta Complete 250, Vibrance		
AVC,C5,Vi	Avicta Complete 500, Vibrance		
C2	Cruiser 250		

** Seed treatments may include unspecified plant health promoting components.