

Test by: Southern MN FIRST New Richland, MN

## 2019 Corn Grain Top 30 Harvest Report

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

<b>Early-Season Test</b>	96 - 101 Day CRM B2019MNSE10a
<b>Top 30 of 60</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Matador, Xtendimax, Roundup PowerMAX, Intensity One
<b>SOIL DESCRIPTION:</b>	Readlyn silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, medium P, medium K, 5.8 pH, 3.8% OM, 24.4 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine
<b>FERTILITY - Applied N:</b>	140 Spring, 10 Planter
<b>Applied N-P-K (units):</b>	150-230-70
<b>SEEDED - RATE - ROW:</b>	May 5 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 33.3 /A

### TEST COMMENTS:

Soil was fully charged with moisture before, during and after planting. August took a dry break, but then rains returned through October. The wind event that affected acres across southern MN struck here as well on July 20. Damage was lessened by east-west planting orientation. The lodging here did not show much green snap. Eric reported some light hail during the summer, but no damage.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FEDERAL	5280CONV	None	101	<b>246.9</b>	20.2	0	33.0	850	1
TITAN PRO	84-01	None	101	<b>239.8</b>	20.9	0	32.6	819	2
TITAN PRO	92-99 2P	VT2P,B	99	<b>226.1</b>	19.9	0	35.3	781	3
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	223.1	20.2	0	34.4	768	4
RENK	RK593VT2P	VT2P	96	221.2	20.2	0	34.4	761	5
HEFTY	H5132VT2P	VT2P	101	221.2	20.5	1	33.9	759	6
RENK	RK608DGV2P	VT2P,DG,B	100	220.0	21.2	0	32.6	748	9
VIKING	52-00	None	100	219.6	20.8	1	33.5	751	8
ANDERSON	6898	None	98	219.1	19.9	0	32.1	757	7
ANDERSON	6811	None	100	216.9	20.3	0	33.5	745	10
DAIRYLAND	DS-3750AM	AM	97	216.8	20.9	1	33.5	740	13
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98	216.2	20.5	0	34.4	742	11
FEDERAL	4990VT2PRIB	VT2P,B	99	215.0	20.9	0	29.0	734	16
GOLD COUNTRY	97-75R2P	VT2P,B	97	214.6	19.9	0	33.0	741	12
ANDERSON	609R	RR2	98	214.3	20.5	0	34.8	735	15
NUTECH	56A7Q	QR,B	96	214.1	20.9	1	33.9	731	19
FEDERAL	4880VT2PRIB	VT2P,B	98	213.5	20.1	0	33.0	736	14
EPLEY	E9840	None	98	213.5	20.3	0	33.9	734	17
LATHAM	EX 5035 VT2P	VT2P	100	213.0	20.8	2	32.6	728	21
DAIRYLAND	DS-3519AM	AM,B	96	212.3	20.0	0	32.1	732	18
NUTECH	E58A2Q	QR,B	98	212.2	21.1	0	34.4	723	24
NUTECH	5F-196AM	AM,B	96	212.1	20.0	2	32.1	731	20
NUTECH	5F-601AM	AM,B	100	211.2	20.8	1	33.0	722	26
FEDERAL	5280VT2PRIB	VT2P,B	102	211.1	21.8	1	33.9	713	28
RENK	RK579DGV2P	VT2P,DG,B	98	210.7	20.1	4	34.4	726	22
NK BRAND	NK9610-3010	3010	96	210.4	20.4	1	32.6	723	25
HEFTY	H4922VT2PRIB	VT2P,B	99	210.3	20.1	0	34.8	724	23
DAIRYLAND	DS-4018AM	AM,AQ,B	101	210.2	21.2	2	31.7	715	27
AUGUSTA	A2345	3220,B	96	209.3	21.1	1	33.9	713	29
DAIRYLAND	DS-3715AM	AM,B	98	206.9	20.1	0	33.0	713	30
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	196.1	21.9	0	31.2	662	54
				<b>Averages =</b>	<b>207.4</b>	<b>20.5</b>	<b>1</b>	<b>33.3</b>	<b>711</b>
				<b>LSD (0.10) =</b>	18.4	0.7	1		
				<b>LSD (0.25) =</b>	9.6	0.4	1		
				<b>C.V. =</b>	8.4				

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.65; non-GMO = \$3.65

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## 2019 Corn Grain Top 30 Harvest Report

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

<b>Full-Season Test</b>	102 - 106 Day CRM B2019MNSE10b
<b>Top 30 of 66</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Matador, Xtendimax, Roundup PowerMAX, Intensity One
<b>SOIL DESCRIPTION:</b>	Readlyn silt loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, medium P, medium K, 5.8 pH, 3.8% OM, 24.4 CEC
<b>PEST MANAGEMENT:</b>	Force, Laudis, Atrazine
<b>FERTILITY - Applied N:</b>	140 Spring, 10 Planter
<b>Applied N-P-K (units):</b>	150-230-70
<b>SEEDED - RATE - ROW:</b>	May 5 35.3 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 33.3 /A

### TEST COMMENTS:

Soil was fully charged with moisture before, during and after planting. August took a dry break, but then rains returned through October. The wind event that affected acres across southern MN struck here as well on July 20. Damage was lessened by east-west planting orientation. The lodging here did not show much green snap. Eric reported some light hail during the summer, but no damage.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK BRAND	NK0243-3120-EZR	3120,B	102	<b>251.1</b>	22.3	3	33.9	844	1
EPLBY	E1503VT2P	VT2P	105	<b>246.8</b>	21.0	0	34.4	842	2
VIKING	51-04	None	104	<b>244.8</b>	21.4	4	31.7	831	3
ENESTVEDT	E539	None	103	<b>242.3</b>	21.4	0	33.9	822	4
HEFTY	H5212VT2PRIB	VT2P,B	102	<b>240.9</b>	21.8	0	33.9	814	5
TITAN PRO	TP 70-06	None	106	<b>240.1</b>	22.1	1	33.9	808	6
GOLD COUNTRY	106-96RSS	STX,B	106	238.1	22.5	0	34.4	798	7
DAIRYLAND	DS-7004RA	PC,B	104	237.9	22.8	1	32.1	794	9
HEFTY	H5432VT2P	VT2P	104	234.9	21.4	1	33.5	798	8
TITAN PRO	84-03 2P	VT2P,B	103	233.8	22.3	2	33.5	785	10
WYFFELS	W4638	STX	107	232.4	23.0	0	33.5	774	14
NUTECH	64D1AM	AM,B	104	231.7	22.5	0	33.5	777	12
DAIRYLAND	DS-4440AM	AM,B	104	231.3	22.6	0	31.7	774	15
HEFTY	H5522VT2PRIB	VT2P,B	105	231.1	21.8	0	32.6	781	11
DAIRYLAND	DS-4329AM	AM,B	105	229.6	22.2	0	33.9	772	17
FEDERAL	5300VT2P	VT2P	103	229.0	21.7	3	32.6	774	16
NUTECH	65H2Q	QR,B	105	228.8	22.5	0	31.2	767	20
AUGUSTA	A2856	3220,B	105	228.6	23.1	0	33.9	761	22
LATHAM	LH5517VT2PRIB	VT2P,B	105	227.8	22.0	0	32.6	768	18
GOLDEN HARVEST	G03R40-3110	3110	103	227.5	21.1	1	34.4	775	13
PIONEER	P0589 GC	AQ	105	227.0	21.7	0	33.5	767	21
VIKING	55-02	None	102	226.7	21.6	0	33.5	768	19
HEFTY	H5622VT2PRIB	VT2P,B	106	225.4	22.6	1	33.0	754	24
VIKING	42-05	None	105	225.2	21.9	4	32.6	760	23
TITAN PRO	96-06 2P	VT2P,B	106	223.2	22.0	0	32.6	752	28
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	223.1	21.8	6	32.6	754	25
RENK	RK737SSTX	STX,B	106	222.5	22.5	0	33.9	745	29
RENK	RK621VT2P	VT2P	102	222.2	21.5	0	31.2	753	27
AUGUSTA	A3052	3110	102	221.1	21.0	0	33.5	754	26
RENK	RK642VT2P	VT2P,B	103	219.0	21.4	1	33.9	743	30
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	205.6	22.0	2	30.3	693	57

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Averages = **219.1** **22.0** **1** **33.3** **738**  
LSD (0.10) = 20.4 0.6 2  
LSD (0.25) = 10.7 0.3 1  
C.V. = 8.9

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.04 Prices: GMO = \$3.65; non-GMO = \$3.65

2019 Corn - Minnesota Southeast [ MNSE ]



Early-Season Test Products (60 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	609R	RR2	98
ANDERSON	611SRC	STX,B	100
ANDERSON	6811	None	100
ANDERSON	6898	None	98
AUGUSTA	A2345	3220,B	96
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-3810AM	AM	98
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DEKALB	DKC47-54RIB GC	STX,B	97
DEKALB	DKC50-08RIB GC	STX,B	100
ENESTVEDT	E696SS RIB	STX,B	100
ENESTVEDT	E699DP RIB	VT2P,B	99
EPLEY	E1012SS	STX	100
EPLEY	E9840	None	98
FEDERAL	4680VT2PRIB	VT2P,B	96
FEDERAL	4880VT2PRIB	VT2P,B	98
FEDERAL	4990VT2PRIB	VT2P,B	99
FEDERAL	5280CONV	None	101
FEDERAL	5280VT2PRIB	VT2P,B	102
GOLD COUNTRY	101-60RSS	STX,B	101
GOLD COUNTRY	97-75R2P	VT2P,B	97
GOLD COUNTRY	98-11R2P	VT2P,B	98
GOLD COUNTRY	99-30RSS	STX,B	99
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
HEFTY	H4612VT2PRIB	VT2P,B	96
HEFTY	H4732VT2P	VT2P	97
HEFTY	H4812VT2PRIB	VT2P,B	98
HEFTY	H4922VT2PRIB	VT2P,B	99
HEFTY	H5132VT2P	VT2P	101
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4830	None	98
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5077VT2PRIB	VT2P,B	100

Company/Brand	Brand/Product	Technology	RM
LATHAM	LH5160	None	101
NK BRAND	NK9610-3010	3010	96
NK BRAND	NK9930-3010	3010	99
NORTHSTAR	NS 97-547SSRIB	STX,B	97
NORTHSTAR	NS 98-513VT2PRIB	VT2P,B	98
NUTECH	56A7Q	QR,B	96
NUTECH	5F-196AM	AM,B	96
NUTECH	5F-601AM	AM,B	100
NUTECH	E58A2Q	QR,B	98
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
PIONEER	P9998AMXT GC	AMXT,AQ,B	99
RENK	RK579DGV2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
RENK	RK608DGV2P	VT2P,DG,B	100
TITAN PRO	70-98	None	98
TITAN PRO	84-01	None	101
TITAN PRO	85-96	None	96
TITAN PRO	91-00	None	100
TITAN PRO	92-99 2P	VT2P,B	99
VIKING	44-98	None	98
VIKING	46-96	None	96
VIKING	52-00	None	100
VIKING	99-00	None	100

2019 Corn - Minnesota Southeast [ MNSE ]



Full-Season Test Products (66 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	5303	None	103
AUGUSTA	A2856	3220,B	105
AUGUSTA	A3052	3110	102
DAIRYLAND	DS-4310AM	AM	103
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-4580AMXT	AMXT	105
DAIRYLAND	DS-7004RA	PC,B	104
DEKALB	DKC54-38RIB GC	STX,B	104
DEKALB	DKC55-53RIB GC	STX,B	105
ENESTVEDT	E539	None	103
EPLEY	E1330	None	103
EPLEY	E1503VT2P	VT2P	105
FEDERAL	5300VT2P	VT2P	103
FEDERAL	5570VT2PRIB	VT2P,B	105
GOLD COUNTRY	102-07RSS	STX,B	102
GOLD COUNTRY	102-88R2P	VT2P,B	102
GOLD COUNTRY	103-23RSS	STX,B	103
GOLD COUNTRY	104-11RSS	STX,B	104
GOLD COUNTRY	106-96RSS	STX,B	106
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
GOLDEN HARVEST	G03R40-3110	3110	103
HEFTY	H5212VT2PRIB	VT2P,B	102
HEFTY	H5432VT2P	VT2P	104
HEFTY	H5504SSRIB	STX,B	105
HEFTY	H5522VT2PRIB	VT2P,B	105
HEFTY	H5622VT2PRIB	VT2P,B	106
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5377VT2PRIB	VT2P,B	100
LATHAM	LH5487VT2PRIB	VT2P,B	104
LATHAM	LH5517VT2PRIB	VT2P,B	105
LATHAM	LH5635VT2PRIB	VT2P,B	106
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK0472-3110	3110	104
NORTHSTAR	NS 102-168DGV2PRIB	VT2P,DG,B	102
NORTHSTAR	NS 105-558VT2P	VT2P	105

Company/Brand	Brand/Product	Technology	RM
NORTHSTAR	NS 106-186SSRIB	STX,B	106
NUTECH	5L-504AMXT	AMXT,B	104
NUTECH	64D1AM	AM,B	104
NUTECH	65H2Q	QR,B	105
NUTECH	66B6Q	QR,B	106
NUTECH	E628AQ	QR,B	102
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
PIONEER	P0306AM GC	AM,AQ,B	103
PIONEER	P0589 GC	AQ	105
PIONEER	P0688AM GC	AM,B	106
RENK	RK621VT2P	VT2P	102
RENK	RK642VT2P	VT2P,B	103
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK717SSTX	STX,B	105
RENK	RK737SSTX	STX,B	106
REV	REV 1247AM GC	AM	101
REV	REV 1587AM GC	AM	105
TITAN PRO	82-04 2P	VT2P,B	104
TITAN PRO	84-03 2P	VT2P,B	103
TITAN PRO	91-02	None	102
TITAN PRO	96-06 2P	VT2P,B	106
TITAN PRO	TP 70-06	None	106
VIKING	42-05	None	105
VIKING	51-04	None	104
VIKING	55-02	None	102
VIKING	84-05	None	105
WYFFELS	W4196RIB	VT2P,B	105
WYFFELS	W4358RIB	STX,B	106
WYFFELS	W4638	STX	107
WYFFELS	W5086	VT2P	107

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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\*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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