

Test by: NewVenture, LLC Ellendale, MN

## 2019 Corn Grain Top 30 Harvest Report

Minnesota East Central [MNEC] TAYLORS FALLS, MN  
Sandberg Farms Sandberg Farms, Chisago County, MN  
55084

<b>All-Season Test</b>	86 - 95 Day CRM B2019MNEC02
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	Nebish-Cordova Loam loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, low K, 7.7 pH, 4.0% OM, 25.2 CEC
<b>PEST MANAGEMENT:</b>	Realmq, Atarazine, Buckaneer Plus, Force
<b>FERTILITY - Applied N:</b>	61 Spring, 79 Sidedress
<b>Applied N-P-K (units):</b>	140-0-45
<b>SEEDED - RATE - ROW:</b>	May 17 33.6 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 31 33.4 /A

### TEST COMMENTS:

*This is a very uniform and level site. The planting conditions were excellent here after a wet start to the spring. There were spots of green snap and gooseneck lodging. Dale, the plot host farmer, said that they have never had green snap before. He also said that there was plenty of rain all season.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	<b>231.6</b>	21.9	0	34.3	771	2
THUNDER	6094 VT2P	VT2P,B	94	<b>231.5</b>	20.3	0	33.4	780	1
DAIRYLAND	DS-3550AM	AM	95	<b>228.7</b>	21.2	0	34.3	765	4
GOLD COUNTRY	90-71R2P	VT2P,B	90	<b>227.6</b>	19.8	0	33.9	769	3
FEDERAL	4580VT2PRIB	VT2P,B	95	<b>226.1</b>	22.2	0	33.8	751	5
RENK	RK561DGV2P	VT2P,DG	95	<b>224.7</b>	21.3	0	33.4	751	6
LATHAM	LH3937VT2PRIB	VT2P,B	89	<b>221.0</b>	20.9	1	34.3	741	7
LATHAM	LH4517VT2PRIB	VT2P,B	95	<b>220.6</b>	21.3	3	34.8	737	8
GOLDEN HARVEST	G95M41-3010	3010	95	<b>219.1</b>	20.7	0	33.9	736	9
TITAN PRO	82-95 2P	VT2P,B	95	<b>217.7</b>	22.2	0	33.4	723	13
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	<b>217.6</b>	20.3	0	33.4	733	10
TITAN PRO	82-90 2P	VT2P,B	90	<b>216.4</b>	21.1	0	33.4	725	11
PIONEER	P9492AM GC	AM,B	94	214.7	20.4	0	33.4	723	14
GOLD COUNTRY	89-59R2P	VT2P,B	89	214.3	19.9	3	33.4	724	12
THUNDER	6595 VT2P	VT2P,B	95	212.2	21.8	0	33.9	707	16
GOLD COUNTRY	92-45R2P	VT2P,B	92	211.4	20.5	1	34.8	711	15
THUNDER	6993 VT2P	VT2P,B	93	211.4	21.2	0	33.9	707	17
GOLD COUNTRY	94-19RSS	STX,B	94	210.1	21.2	0	32.9	703	18
TITAN PRO	90-94 2P	VT2P,B	94	208.9	21.0	0	33.4	700	19
THUNDER	6992 VT2P	VT2P,B	92	206.0	20.8	0	31.9	691	21
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89	205.7	19.7	0	33.4	696	20
LATHAM	LH3827VT2PRIB	VT2P,B	88	204.8	20.3	0	34.3	690	22
LATHAM	LH4375VT2PRIB	VT2P,B	93	203.8	20.8	2	32.9	684	23
ANDERSON	742R GC	RR2	92	200.1	21.2	0	34.3	669	24
GOLD COUNTRY	95-33R2P	VT2P,B	95	199.0	21.1	1	33.9	666	26
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	198.5	20.7	3	33.8	666	27
DAIRYLAND	DS-3518AMXT	AMXT,B	95	198.0	21.1	12	32.4	663	29
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92	197.9	20.5	8	33.9	666	28
NK BRAND	NK8920-3120-EZR	3120,B	89	197.7	20.0	3	33.4	667	25
LATHAM	LH3755VT2PRIB	VT2P,B	87	195.3	19.1	0	34.8	663	30

Averages = **202.7** 20.7 3 33.4 680

LSD (0.10) = 12.5 0.5 8

LSD (0.25) = 6.6 0.3 4

C.V. = 5.8

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50

2019 Corn - Minnesota East Central [ MNEC ]



All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
ANDERSON	742R GC	RR2	92
DAHLMAN	R43-29VT2PRIB	VT2P,B	86
DAHLMAN	R47-26VT2PRIB	VT2P,B	94
DAHLMAN	R48-28VT2PRIB	VT2P,B	95
DAIRYLAND	DS-2989Z	3120	89
DAIRYLAND	DS-3518AMXT	AMXT,B	95
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-7294A	3220	94
FEDERAL	4580VT2PRIB	VT2P,B	95
GOLD COUNTRY	89-59R2P	VT2P,B	89
GOLD COUNTRY	90-71R2P	VT2P,B	90
GOLD COUNTRY	92-45R2P	VT2P,B	92
GOLD COUNTRY	94-19RSS	STX,B	94
GOLD COUNTRY	95-33R2P	VT2P,B	95
GOLDEN HARVEST	G88F37-3120A-EZR	3120,A,B	88
GOLDEN HARVEST	G89A09-3120-EZR	3120,B	89
GOLDEN HARVEST	G90Y04-3220A-EZR	3220,A,B	92
GOLDEN HARVEST	G91V51-3110A	3110,A	91
GOLDEN HARVEST	G95M41-3010	3010	95
LATHAM	EX 4123 3010	3010	91
LATHAM	LH3755VT2PRIB	VT2P,B	87
LATHAM	LH3827VT2PRIB	VT2P,B	88
LATHAM	LH3937VT2PRIB	VT2P,B	89
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4454VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
NK BRAND	NK8519-3220-EZR	3220,B	85
NK BRAND	NK8618-3120A-EZR	3120,A,B	86
NK BRAND	NK8881-3120A-EZR	3120,A,B	88
NK BRAND	NK8920-3120-EZR	3120,B	89
NK BRAND	NK9175-3110A	3110,A	91
NK BRAND	NK9227-3220A-EZR	3220,A,B	92
NK BRAND	NK9535-3220-EZR	3220,B	95
PIONEER	P9188AMXT GC	AMXT	91
PIONEER	P9492AM GC	AM,B	94
RENK	RK561DGV2P	VT2P,DG	95

Company/Brand	Brand/Product	Technology	RM
THUNDER	6090 3120	3120,B	90
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6791 VT2P	VT2P,B	91
THUNDER	6992 VT2P	VT2P,B	92
THUNDER	6993 VT2P	VT2P,B	93
TITAN PRO	82-90 2P	VT2P,B	90
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	90-94 2P	VT2P,B	94

## 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.