

Test by: NewVenture, LLC Ellendale, MN

## 2019 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] LESTER PRAIRIE, MN  
Nathan Ide, McLeod County, MN 55354

<b>Early-Season Test</b>	93 - 98 Day CRM B2019MNWC05a
<b>Top 30 of 54</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Flexstar, Harass
<b>SOIL DESCRIPTION:</b>	Lester-Le Sueur, Canisto- Glencoe loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, medium K, 6.8 pH, 2.5% OM, 21.9 CEC
<b>PEST MANAGEMENT:</b>	Force, Harness, Tripleflex, Callisto
<b>FERTILITY - Applied N:</b>	170.0 Fall
<b>Applied N-P-K (units):</b>	170-35-45
<b>SEEDED - RATE - ROW:</b>	May 7 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 22 34.0 /A

### TEST COMMENTS:

*This site was planted relatively early this spring. The site is very uniform and represents the area very well. The corn was standing well, even for the late harvest date. The early test was at the far end of the plot and was just a little flatter than the near end. It did have some spots of lower yields, possibly due to just too much rain for the season.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	<b>216.2</b>	20.4	0	33.9	727	1
PROSEED	1998VT2PRIB	VT2P,B	98	<b>215.0</b>	20.1	0	34.8	725	2
LATHAM	LH4657VT2PRIB	VT2P,B	96	<b>211.0</b>	20.4	0	34.3	710	3
DAHLMAN	R48-21VT2PRIB	VT2P,B	96	<b>209.9</b>	20.0	0	34.3	708	4
DAIRYLAND	DS-3519AM	AM,B	96	207.4	20.4	0	33.9	698	5
FEDERAL	4805SSTAX	STX	98	204.2	21.7	0	34.8	680	7
DYNA-GRO	D39VC40	VT2P	98	202.5	20.0	0	34.8	683	6
RENK	RK561DGVT2P	VT2P,DG	95	201.1	20.0	0	34.3	679	8
HEFTY	H4812VT2PRIB	VT2P,B	98	200.5	19.8	1	33.4	678	9
HEFTY	H4732VT2P	VT2P	97	200.0	20.5	0	33.4	672	10
HEFTY	H4612VT2PRIB	VT2P,B	96	199.0	20.2	0	34.8	671	11
RENK	RK593VT2P	VT2P	96	198.8	20.3	0	34.8	669	12
FEDERAL	4680VT2PRIB	VT2P,B	96	198.5	20.1	0	33.8	669	13
DAIRYLAND	DS-3550AM	AM	95	197.4	20.5	0	34.8	664	14
THUNDER	6098 VT2P	VT2P,B	98	196.7	20.5	0	34.3	661	15
LATHAM	LH4795VT2PRIB	VT2P,B	97	196.1	21.2	0	33.9	656	17
HEFTY	H4522VT2PRIB	VT2P,B	95	195.4	20.9	0	34.8	655	18
LATHAM	LH4517VT2PRIB	VT2P,B	95	194.9	20.0	0	34.3	658	16
DYNA-GRO	D37VC64	VT2P	97	194.6	20.5	0	33.9	654	20
NK BRAND	NK9610-3010	3010	96	194.0	20.0	0	34.3	655	19
RENK	RK579DGVT2P	VT2P,DG,B	98	191.6	20.0	0	34.3	647	21
DAIRYLAND	DS-3750AM	AM	97	191.4	20.0	0	34.8	646	22
TITAN PRO	82-95 2P	VT2P,B	95	190.9	20.1	0	34.3	644	23
HEINE	6200VT2PRORIB GC	VT2P,B	95	190.6	20.1	0	33.9	643	24
PROSEED	1996VT2PRIB	VT2P,B	96	189.7	21.0	0	34.3	636	26
THUNDER	6993 VT2P	VT2P,B	93	188.3	19.7	0	33.4	637	25
DAHLMAN	R49-25VT2PRIB	VT2P,B	98	187.0	19.8	0	34.3	632	27
DAHLMAN	R49-23VT2PRIB	VT2P,B	98	186.6	20.4	0	34.8	628	28
FEDERAL	4880VT2PRIB	VT2P,B	98	185.9	20.0	1	33.9	627	29
RENK	RK587VT2P	VT2P,B	97	184.9	20.2	0	34.8	623	30
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	147.6	21.8	0	32.9	492	54
				<b>Averages =</b>	<b>187.1</b>	<b>20.4</b>	<b>0</b>	<b>34.0</b>	<b>629</b>
				LSD (0.10) =	21.6	0.5	ns		
				LSD (0.25) =	11.4	0.3	ns		
				C.V. =	11.0				

Ed Dahle

ed.dahle@firstseedtests.com, (507) 456-6624

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

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## 2019 Corn Grain Top 30 Harvest Report

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<b>Full-Season Test</b>	99 - 102 Day CRM B2019MNWC05b
<b>Top 30 of 45</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup, Flexstar, Harass
<b>SOIL DESCRIPTION:</b>	Lester-Le Sueur, Canisto- Glencoe loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, medium K, 6.8 pH, 2.5% OM, 21.9 CEC
<b>PEST MANAGEMENT:</b>	Force, Harness, Tripleflex, Callisto
<b>FERTILITY - Applied N:</b>	170.0 Fall
<b>Applied N-P-K (units):</b>	170-35-45
<b>SEEDED - RATE - ROW:</b>	May 7 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 22 34.2 /A

### TEST COMMENTS:

*This site was planted relatively early this spring. The site is very uniform and represents the area very well. The corn was standing well, even for the late harvest date. The early test was at the far end of the plot and was just a little flatter than the near end. It did have some spots of lower yields, possibly due to just too much rain for the season.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	LH5245VT2PRIB	VT2P,B	102	<b>255.3</b>	21.2	0	33.9	854	1
HEFTY	H5212VT2PRIB	VT2P,B	102	<b>241.8</b>	20.7	0	34.3	812	2
LATHAM	EX 5035 VT2P	VT2P	100	<b>241.0</b>	20.8	0	33.9	808	3
FEDERAL	5280VT2PRIB	VT2P,B	102	<b>240.1</b>	21.5	0	34.3	801	4
HEFTY	H5132VT2P	VT2P	101	<b>237.0</b>	21.3	0	34.8	792	5
GOLDEN HARVEST	G00H12-3010	3010	100	<b>234.5</b>	21.0	0	34.3	785	7
TITAN PRO	92-99 2P	VT2P,B	99	<b>233.6</b>	20.4	0	34.8	786	6
NK BRAND	NK0243-3120-EZR	3120,B	102	<b>232.5</b>	21.3	0	34.8	777	8
DAIRYLAND	DS-4018AM	AM,AQ,B	101	225.5	21.0	0	33.9	755	9
THUNDER	6902 VT2P	VT2P,B	102	224.7	20.6	1	34.8	755	10
HEINE	6550VT2PRO GC	VT2P	99	222.9	21.0	0	34.8	747	11
GOLD COUNTRY	102-07RSS	STX,B	102	218.9	21.4	0	34.8	731	14
FEDERAL	5000VT2P	VT2P	100	218.7	20.7	0	34.3	734	12
INTEGRA	5081 GC	VT2P,DG,B	100	218.2	21.1	0	33.9	730	15
HEFTY	H4922VT2PRIB	VT2P,B	99	218.0	20.3	0	34.3	734	13
FEDERAL	4990VT2PRIB	VT2P,B	99	217.1	20.9	0	34.8	728	16
RENK	RK604SSTX	STX,B	102	217.0	21.4	0	34.8	725	19
DAHLMAN	R52-24VT2PRIB	VT2P,B	103	217.0	21.0	0	34.8	727	17
AUGUSTA	A3052	3110	102	216.8	21.4	0	34.3	724	20
ENESTVEDT	E699DP RIB	VT2P,B	99	214.9	19.9	0	34.8	726	18
RENK	RK608DGV2P	VT2P,DG,B	100	214.1	21.6	0	33.4	714	21
DEKALB	DKC50-08RIB GC	STX,B	100	214.1	21.5	0	33.9	714	22
RENK	RK621VT2P	VT2P	102	211.8	21.6	0	34.3	706	26
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102	211.5	21.1	1	34.3	708	24
DAIRYLAND	DS-4000AMXT	AMXT	101	211.5	21.9	0	33.9	704	28
NK BRAND	NK9930-3010	3010	99	211.3	20.6	1	34.3	710	23
GOLD COUNTRY	101-60RSS	STX,B	101	210.6	21.0	0	34.3	705	27
TITAN PRO	TP 75-01 SS	STX,B	101	210.3	20.5	0	33.9	707	25
RENK	RK626SSTX	STX	102	210.0	22.4	0	34.8	696	30
GOLD COUNTRY	99-30RSS	STX,B	99	209.4	21.0	0	34.3	701	29
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	192.8	21.4	0	33.4	644	44
				<b>Averages =</b>	<b>213.8</b>	<b>21.0</b>	<b>0</b>	<b>34.2</b>	<b>716</b>
				LSD (0.10) =	15.3	0.5	ns		
				LSD (0.25) =	8.0	0.3	ns		
				C.V. =	6.8				

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

2019 Corn - Minnesota West Central [ MNWC ]



**Early-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technology	RM
ANDERSON	609R	RR2	98
ANDERSON	609VT2P	VT2P,B	98
AUGUSTA	A2345	3220,B	96
DAHLMAN	R47-26VT2PRIB	VT2P,B	94
DAHLMAN	R48-21VT2PRIB	VT2P,B	96
DAHLMAN	R48-28VT2PRIB	VT2P,B	95
DAHLMAN	R49-23VT2PRIB	VT2P,B	98
DAHLMAN	R49-25VT2PRIB	VT2P,B	98
DAIRYLAND	DS-3519AM	AM,B	96
DAIRYLAND	DS-3550AM	AM	95
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-3810AM	AM	98
DEKALB	DKC47-54 RIB GC	STX,B	97
DYNA-GRO	D37VC64	VT2P	97
DYNA-GRO	D39VC40	VT2P	98
ENESTVEDT	E658DP RIB	VT2P,B	96
ENESTVEDT	E660SS RIB	STX,B	97
FEDERAL	4580VT2PRIB	VT2P,B	95
FEDERAL	4680VT2PRIB	VT2P,B	96
FEDERAL	4805SSTAX	STX	98
FEDERAL	4880VT2PRIB	VT2P,B	98
GOLDEN HARVEST	G95M41-3010	3010	95
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
HEFTY	H4332VT2P	VT2P	93
HEFTY	H4522VT2PRIB	VT2P,B	95
HEFTY	H4612VT2PRIB	VT2P,B	96
HEFTY	H4732VT2P	VT2P	97
HEFTY	H4812VT2PRIB	VT2P,B	98
HEINE	6200VT2PRORIB GC	VT2P,B	95
LATHAM	LH4375VT2PRIB	VT2P,B	93
LATHAM	LH4437VT2PRIB	VT2P,B	94
LATHAM	LH4517VT2PRIB	VT2P,B	95
LATHAM	LH4657VT2PRIB	VT2P,B	96
LATHAM	LH4795VT2PRIB	VT2P,B	97
NK BRAND	NK9227-3220A-EZR	3220,A,B	92

Company/Brand	Brand/Product	Technology	RM
NK BRAND	NK9610-3010	3010	96
NK BRAND	NK9738-3220-EZR	3220,B	97
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
PIONEER	P9492AM GC	AM,B	94
PROSEED	1996VT2PRIB	VT2P,B	96
PROSEED	1998VT2PRIB	VT2P,B	98
RENK	RK561DGVT2P	VT2P,DG	95
RENK	RK579DGVT2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK593VT2P	VT2P	96
THUNDER	6094 VT2P	VT2P,B	94
THUNDER	6098 VT2P	VT2P,B	98
THUNDER	6595 VT2P	VT2P,B	95
THUNDER	6993 VT2P	VT2P,B	93
THUNDER	6996 VT2P	VT2P,B	96
TITAN PRO	82-95 2P	VT2P,B	95
TITAN PRO	86-96 2P	VT2P,B	96
TITAN PRO	90-94 2P	VT2P,B	94

2019 Corn - Minnesota West Central [ MNWC ]



**Full-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technology	RM
ANDERSON	611SRC	STX,B	100
ANDERSON	611VT2P	VT2P,B	100
AUGUSTA	A3052	3110	102
DAHLMAN	R50-357SSRIB	STX,B	100
DAHLMAN	R51-22VT2PRIB	VT2P,B	101
DAHLMAN	R52-24VT2PRIB	VT2P,B	103
DAIRYLAND	DS-4000AMXT	AMXT	101
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DEKALB	DKC50-08RIB GC	STX,B	100
ENESTVEDT	E696SS RIB	STX,B	100
ENESTVEDT	E699DP RIB	VT2P,B	99
FEDERAL	4880SSTAX	STX,B	99
FEDERAL	4990VT2PRIB	VT2P,B	99
FEDERAL	5000VT2P	VT2P	100
FEDERAL	5280VT2PRIB	VT2P,B	102
GOLD COUNTRY	101-60RSS	STX,B	101
GOLD COUNTRY	102-07RSS	STX,B	102
GOLD COUNTRY	102-88R2P	VT2P,B	102
GOLD COUNTRY	99-30RSS	STX,B	99
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G02K39-3120-EZR	3120,B	102
HEFTY	H4922VT2PRIB	VT2P,B	99
HEFTY	H4933VT2PDGRIB	VT2P,DG,B	99
HEFTY	H5132VT2P	VT2P	101
HEFTY	H5212VT2PRIB	VT2P,B	102
HEINE	6550VT2PRO GC	VT2P	99
INTEGRA	5081 GC	VT2P,DG,B	100
LATHAM	EX 5035 VT2P	VT2P	100
LATHAM	LH4937VT2PRIB	VT2P,B	99
LATHAM	LH5025VT2PDGRIB	VT2P,DG,B	100
LATHAM	LH5245VT2PRIB	VT2P,B	102
LATHAM	LH5377VT2PRIB	VT2P,B	100
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9930-3010	3010	99
PIONEER	P0157AMXT CK	AMXT,AQ,B	101

Company/Brand	Brand/Product	Technology	RM
PIONEER	P9998AMXT GC	AMXT,AQ,B	99
RENK	RK604SSTX	STX,B	102
RENK	RK608DGVT2P	VT2P,DG,B	100
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102
THUNDER	6902 VT2P	VT2P,B	102
THUNDER	6999 VT2P	VT2P,B	99
TITAN PRO	92-99 2P	VT2P,B	99
TITAN PRO	TP 75-01 SS	STX,B	101

## 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® TRIsect (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.