

Test by: NewVenture, LLC Ellendale, MN

## 2020 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 B2020MNWC01a
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Force, Harness, Tripleflex, Callisto
<b>SOIL DESCRIPTION:</b>	Lester- Le Sueur, Canisto- Glencoe Loam loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, low K, 6.6 pH, 3.3% OM, 23.1 CEC
<b>PEST MANAGEMENT:</b>	Force, Harness, Surestart, Callisto
<b>FERTILITY - Applied N:</b>	180 Spring, 10 lbs of sulfur was also applied
<b>Applied N-P-K (units):</b>	180-46-180
<b>SEDED - RATE - ROW:</b>	Apr 23 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 16 32.2 /A

### TEST COMMENTS:

*This site was planted into a very good seed bed. Nate said that June and early July were dry but the growing season was good after that. This site was planted the first time as a corn on corn site. Pollination was good as the ears were filled to the tips. The corn was standing good at harvest with any noted lodging was stalk lodging.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-3810Q	QR,B	98	<b>221.0</b>	15.4	0	31.2	772	1
TITAN PRO	86-96 2P	VT2P,B	96	<b>216.2</b>	15.4	0	32.7	755	2
INTEGRA	4888 VT2PRIB	VT2P,B	98	<b>210.2</b>	14.4	0	32.4	736	3
INTEGRA	4782 VT2PRIB	VT2P,B	97	<b>203.5</b>	14.5	0	31.4	712	4
THUNDER	T6094 VT2P	VT2P,B	94	<b>202.4</b>	14.3	0	33.4	708	5
TITAN PRO	82-95 2P	VT2P,B	95	201.2	15.2	0	32.4	703	6
DYNA-GRO	D37VC64	VT2P	97	200.8	14.1	0	33.8	703	7
DAIRYLAND	DS-3715AMRIB	AM,B	97	200.5	15.0	0	31.9	702	8
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	200.2	14.2	0	34.3	701	9
NK BRAND	NK9653-5222-EZR	5222,B	96	199.2	15.1	0	32.9	697	10
PIONEER	P9492AM GC	AM,B	94	198.0	14.3	0	33.4	693	11
DEKALB	DKC47-54RIB GC	STX,B	97	197.5	15.7	0	31.0	688	12
HEFTY	H4842VT2P	VT2P	98	195.5	15.1	0	31.4	684	13
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	195.5	14.8	0	32.9	684	14
INTEGRA	4509 VT2PRIB	VT2P,B	95	194.0	15.0	0	32.4	679	15
HEFTY	H4732VT2PRIB	VT2P,B	96	193.1	14.8	0	34.3	676	16
PROSEED	1998 VT2PRIB	VT2P,B	98	192.9	14.6	0	31.4	675	17
FEDERAL	4580 VT2PRIB	VT2P,B	95	192.6	14.5	0	33.4	674	18
RENK	RK568VT2P	VT2P,B	95	191.5	14.6	0	34.3	670	19
HEFTY	H4322VT2PRIB	VT2P,B	93	190.7	14.4	0	32.9	667	20
ANDERSON	786VT2P	VT2P	95	190.5	15.0	0	31.5	667	21
NORTHSTAR	NS 97-547 GC	VT2P,B	97	190.4	15.6	0	31.4	663	23
INTEGRA	4311 VT2P	VT2P	93	189.9	13.9	0	32.4	665	22
FEDERAL	4880 VT2PRIB	VT2P,B	98	189.5	13.9	0	32.4	663	24
THUNDER	T6993 VT2P	VT2P,B	93	189.3	14.0	0	33.4	663	25
DAHLMAN	R49-25VT2PRIB	VT2P,B	98	188.9	14.3	0	31.4	661	26
PROSEED	1996 VT2PRIB	VT2P,B	96	187.5	14.7	0	31.4	656	27
DAIRYLAND	DS-3519AM	AM,B	96	187.2	14.7	0	31.9	655	28
ANDERSON	609R	RR2	98	187.2	15.3	0	31.4	654	29
NORTHSTAR	NS 98-513 STXRIB GC	STX,B	98	186.8	14.7	0	30.5	654	30
PIONEER	P0075Q CK	QR	100	182.8	15.8	0	31.9	636	41
				<b>Averages =</b>	<b>185.2</b>	<b>14.8</b>	<b>0</b>	<b>32.2</b>	<b>649</b>
				<b>LSD (0.10) =</b>	16.9	0.5	ns		
				<b>LSD (0.25) =</b>	8.9	0.3	ns		
				<b>C.V. =</b>	8.7				
Ed Dahle				Historic yield: 192.7 bu/a, 7 yr(s)					
ed.dahle@firstseedtests.com, (507) 456-6624									

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

Report Date: 10/17/2020

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

<b>Full-Season Test</b>	99 - 102 Day CRM B2020MNWC01b
<b>Top 30 of 47</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn / Force, Harness, Tripleflex, Callisto
<b>SOIL DESCRIPTION:</b>	Lester- Le Sueur, Canisto- Glencoe Loam loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, low K, 6.6 pH, 3.3% OM, 23.1 CEC
<b>PEST MANAGEMENT:</b>	Force, Harness, Surestart, Callisto
<b>FERTILITY - Applied N:</b>	180 Spring, 10 lbs of sulfur was also applied
<b>Applied N-P-K (units):</b>	180-46-180
<b>SEDED - RATE - ROW:</b>	Apr 23 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 16 32.6 /A

### TEST COMMENTS:

*This site was planted into a very good seed bed. Nate said that June and early July were dry but the growing season was good after that. This site was planted the first time as a corn on corn site. Pollination was good as the ears were filled to the tips. The corn was standing good at harvest with any noted lodging was stalk lodging.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P9998Q GC	QR	99	<b>227.0</b>	15.4	0	33.4	792	1
GOLD COUNTRY	99-30R2P	VT2P	99	<b>218.6</b>	15.0	0	32.9	765	2
DYNA-GRO	D43VC81	VT2P	102	<b>216.5</b>	17.3	0	33.8	745	3
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	<b>213.6</b>	16.1	0	31.4	742	4
GOLD COUNTRY	99-01R2P	VT2P	99	211.5	15.1	0	30.5	740	5
FEDERAL	5280 VT2PRIB	VT2P,B	102	211.0	15.5	0	31.4	736	6
DAIRYLAND	DS-4018AM	AM,AQ,B	101	207.1	15.5	0	33.8	722	7
THUNDER	T6999 VT2P	VT2P,B	99	205.5	14.7	0	32.9	719	8
TITAN PRO	TP 58-01 2P	VT2P,B	101	204.9	15.5	0	32.4	715	9
DAIRYLAND	DS-4014Q	QR,B	100	202.0	15.9	0	31.9	702	12
ENESTVEDT	E699DP RIB	VT2P,B	99	201.3	14.9	0	33.4	705	11
LATHAM	LH 5049 SS RIB	STX,B	100	201.3	15.7	0	32.4	701	14
THUNDER	T6100 VT2P	VT2P,B	100	200.8	15.1	0	32.9	702	13
ANDERSON	611VT2P	VT2P,B	100	200.1	15.3	0	33.4	699	15
THUNDER	T6902 VT2P	VT2P,B	102	199.6	15.6	0	32.4	696	16
RENK	RK626SSTX	STX	102	199.1	16.1	0	34.3	692	18
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	198.9	15.1	0	31.4	696	17
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	196.0	14.9	0	32.9	686	19
DAHLMAN	R51-22VT2PRIB	VT2P,B	100	195.0	14.2	0	31.0	682	20
TITAN PRO	92-99 2P	VT2P,B	99	194.4	14.8	0	34.8	680	21
DAHLMAN	R52-24VT2PRIB	VT2P,B	103	194.2	15.9	0	31.0	675	23
INTEGRA	5081 DGVT2PRIB	VT2PDG,B	100	194.0	15.9	0	33.9	675	24
RENK	RK579DGVT2P	VT2PDG,B	99	193.4	15.3	0	33.4	676	22
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	193.1	15.5	0	33.4	673	25
FEDERAL	5000 VT2PRIB	VT2P,B	100	192.4	15.9	0	31.4	669	26
HEFTY	H4922VT2PRIB	VT2P,B	99	192.2	15.7	0	33.4	669	27
HEFTY	H5144SS	STX	101	191.6	16.1	0	32.4	665	29
GOLDEN HARVEST	G00H12-5122-EZR	5122,B	100	191.2	16.5	0	33.9	662	30
TITAN PRO	22-00 2P	VT2P,B	100	190.2	15.0	0	32.4	666	28
ENESTVEDT	E600DP RIB	VT2P,B	100	189.0	15.6	0	32.9	659	31
PIONEER	P0075Q CK	QR	100	203.2	16.2	0	33.4	705	10
				<b>Averages =</b>	<b>193.8</b>	<b>15.7</b>	<b>0</b>	<b>32.6</b>	<b>676</b>
				LSD (0.10) =	17.9	0.5	ns		
				LSD (0.25) =	9.4	0.3	ns		
				C.V. =	8.8				
Ed Dahle				Historic yield: 192.7 bu/a, 7 yr(s)					
ed.dahle@firstseedtests.com, (507) 456-6624									

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

## 2020 Corn - Minnesota West Central [ MNWC ]

### Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	609R	RR2	98	MQ
ANDERSON	745SRC	STX	97	AC
ANDERSON	786VT2P	VT2P	95	AC
AUGUSTA	2345 GC	3220,B	95	C2
AUGUSTA	2545	5122,B	95	AVC,C2
AUGUSTA	2843 GC	3110	93	CM,C2
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	AC250
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	AC250
DAHLMAN	R49-23VT2PRIB	VT2P,B	98	AC250
DAHLMAN	R49-25VT2PRIB	VT2P,B	98	AC250
DAIRYLAND	DS-3519AM	AM,B	96	Lum,P1V
DAIRYLAND	DS-3550AM	AM,B	95	Lum,P5V
DAIRYLAND	DS-3715AMRIB	AM,B	97	Lum,P5V
DAIRYLAND	DS-3750AMRIB	AM,B	97	Lum,P1V
DAIRYLAND	DS-3810Q	QR,B	98	Lum,P1V
DEKALB	DKC47-54RIB GC	STX,B	97	AC,P5V,EDC-EL
DYNA-GRO	D37VC64	VT2P	97	AC,P5V,EDC-B
ENESTVEDT	E640DP RIB	VT2P,B	94	AC,P5V
ENESTVEDT	E658DP RIB	VT2P,B	96	AC,P2
ENESTVEDT	E660SS RIB	STX,B	97	AC,P5V
FEDERAL	4580 VT2PRIB	VT2P,B	95	AC,P2,MAG
FEDERAL	4800 VT2PRIB	VT2P,B	98	AC,P2
FEDERAL	4880 VT2PRIB	VT2P,B	98	AC,P2,MAG
GOLD COUNTRY	97-14R2P	VT2P	97	AC
GOLD COUNTRY	97-75R2P	VT2P	97	AC
GOLD COUNTRY	98-11R2P	VT2P,B	98	AC
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	AVC,C2,Vi
GOLDEN HARVEST	G96R61-5222-EZR	5222,B	96	AVC,C2,Vi
HEFTY	H4322VT2PRIB	VT2P,B	93	HC
HEFTY	H4332VT2PRIB	VT2P,B	93	HC
HEFTY	H4732VT2PRIB	VT2P,B	96	HC
HEFTY	H4734SSRIB	STX,B	97	HC
HEFTY	H4842VT2P	VT2P	98	HC
INTEGRA	4311 VT2P	VT2P	93	AC,P5V,St,SU
INTEGRA	4509 VT2PRIB	VT2P,B	95	AC,P2V,St,SU
INTEGRA	4782 VT2PRIB	VT2P,B	97	AC,P2,St,SU

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
INTEGRA	4888 VT2PRIB	VT2P,B	98	AC,P2,St,SU
LATHAM	LH 4375 VT2P RIB	VT2P,B	93	AC250
LATHAM	LH 4517 VT2P RIB	VT2P,B	95	AC250
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	AC250
LATHAM	LH 4669 SS RIB	STX,B	96	AC,P5V
NK BRAND	NK9653-5222-EZR	5222,B	96	AVC,C5,Vi
NK BRAND	NK9738-5222-EZR	5222,B	97	AVC,C5,Vi
NORTHSTAR	NS 97-547 GC	VT2P,B	97	NA
NORTHSTAR	NS 98-513 STXRIB GC	STX,B	98	NA
PIONEER	P0075Q CK	QR	100	NA
PIONEER	P9492AM GC	AM,B	94	NA
PROSEED	1996 VT2PRIB	VT2P,B	96	NA
PROSEED	1998 VT2PRIB	VT2P,B	98	NA
RENK	RK499VT2P	VT2P	94	AC,P2
RENK	RK561DGV2PRIB	VT2PDG,B	95	AC,P2
RENK	RK568VT2P	VT2P,B	95	AC,P2
RENK	RK593VT2PRIB	VT2P,B	97	AC,P2
ROB-SEE-CO	RC4343 GC	3220A,B	93	CM,C2
ROB-SEE-CO	RC4535 GC	3110	95	CM,C2
THUNDER	T6094 VT2P	VT2P,B	94	AC,P2
THUNDER	T6098 VT2P	VT2P,B	98	AC,P2
THUNDER	T6595 VT2P	VT2P,B	95	AC,P2
THUNDER	T6993 VT2P	VT2P,B	93	AC,P2
THUNDER	T6996 VT2P	VT2P,B	96	AC,P2
TITAN PRO	82-95 2P	VT2P,B	95	AC250
TITAN PRO	86-96 2P	VT2P,B	96	AC250
TITAN PRO	TP 68-98 SS	STX,B	98	AC,P5V

## 2020 Corn - Minnesota West Central [ MNWC ]

### Full-Season Test Products (47 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
ANDERSON	611VT2P	VT2P,B	100	AC
AUGUSTA	2050 GC	VT2P	100	AC,P5V
CHANNEL	199-11SXTRIB GC	STX,B	99	NA
DAHLMAN	R51-22VT2PRIB	VT2P,B	100	AC250
DAHLMAN	R52-24VT2PRIB	VT2P,B	103	AC250
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
DYNA-GRO	D40VC41	VT2P	100	AC,P5V,EDC-B
DYNA-GRO	D43VC81	VT2P	102	AC,P5V,EDC-B
ENESTVEDT	E600DP RIB	VT2P,B	100	AC,P5V
ENESTVEDT	E696SS RIB	STX,B	100	AC,P5V
ENESTVEDT	E699DP RIB	VT2P,B	99	AC,P2
FEDERAL	5000 VT2PRIB	VT2P,B	100	AC,P2,MAG
FEDERAL	5110 STX	STX	101	AC,P5V,MAG
FEDERAL	5280 VT2PRIB	VT2P,B	102	AC,P2,MAG
GOLD COUNTRY	102-13RSS	STX	102	AC
GOLD COUNTRY	99-01R2P	VT2P	99	AC
GOLD COUNTRY	99-30R2P	VT2P	99	AC
GOLDEN HARVEST	G00H12-5122-EZR	5122,B	100	AVC,C2,Vi
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	AVC,C2,Vi
HEFTY	H4922VT2PRIB	VT2P,B	99	HC
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	HC
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	HC
HEFTY	H5144SS	STX	101	HC
HEFTY	H5212VT2PRIB	VT2P,B	102	HC
INTEGRA	5081 DGVT2PRIB	VT2PDG,B	100	AC,P2,St,SU
INTEGRA	5280 VT2PRIB	VT2P,B	102	AC,P2,St,SU
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	AC250
LATHAM	LH 4989 SS RIB	STX,B	99	AC,P5V
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	AC250
LATHAM	LH 5049 SS RIB	STX,B	100	AC,P5V
NK BRAND	NK0243-5122-EZR	5122,B	102	AVC,C2,Vi
NK BRAND	NK9991-5122-EZR	5122,B	99	AVC,C5,Vi
PIONEER	P0075Q CK	QR	100	NA
PIONEER	P9998Q GC	QR	99	NA

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
PROSEED	19102 3110	3110	102	NA
RENK	RK579DGVT2P	VT2PDG,B	99	AC,P2
RENK	RK600SSTX	STX,B	100	AC,P5V
RENK	RK626SSTX	STX	102	AC,P5V
RENK	RK695GTCBLLBL	3220	102	CM,C2
THUNDER	T6100 VT2P	VT2P,B	100	AC,P2
THUNDER	T6902 VT2P	VT2P,B	102	AC,P2
THUNDER	T6999 VT2P	VT2P,B	99	AC,P2
TITAN PRO	22-00 2P	VT2P,B	100	AC250
TITAN PRO	92-99 2P	VT2P,B	99	AC250
TITAN PRO	TP 58-01 2P	VT2P,B	101	AC250

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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^ 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\*

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3110 Agrisure® Viptera® 3110 (Vip, CB,LL,GT)  
 3220 Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)  
 3220A Agrisure® Artesian® Viptera® 3220  
 (Vip,CB,HX,LL,GT)  
 5122 Agrisure® Duracade™ 5122  
 5222 Agrisure® Duracade™ 5222  
 AM Optimum® AcreMax®  
 AMXT Optimum® AcreMax® Xtreme  
 AQ Optimum® AQUAmax®  
 B Blend, Refuge in a Bag (RIB) or EZ-Refuge  
 QR Qrome™  
 RR2 Roundup Ready® 2 Corn  
 STX SmartStax®  
 VT2P Genuity® VT Double PRO®  
 VT2PDG Genuity® VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*\*

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NA	Not Available
AC	Acceleron®, unspecified
AC250	Acceleron 250
AC,P2	Acceleron, Poncho 250
AC,P2,MAG	Acceleron 250, Federal ArmourGuard
AC,P2,St,SU	Acceleron 250, Stamina, StepUp
AC,P2V,St,SU	Acceleron Poncho 250 Votivo, Stamina, StepUp
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron, ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,MAG	Acceleron® Poncho 500/Votivo, Federal ArmorGuard
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp
AVC,C2	Avicta Complete 250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5,Vi	Avicta Complete 500, Vibrance
C2	Cruiser 250
CM,C2	CruiserMaxx 250
HC	Hefty Complete
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
MQ	Maxim Quattro

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