

Test by: NewVenture, LLC Ellendale, MN

## 2021 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 B2021MNWC01a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Force, Harness, Surestart, Callisto
<b>SOIL DESCRIPTION:</b>	Lester- Le Sueur, Canisto- Glencoe Loam loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, high K, 6.3 pH, 3.3% OM, 19.4 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 30 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 33.0 /A

### TEST COMMENTS:

*This was the first plot that we planted in the spring. It had excellent planting conditions. Nate noted that the site was very short on moisture up until around the V5 stage. After that, the site received about a half-inch of rain per week. The lodging was minimal but Nate also noted that the corn rootworm beetles were easy to find in the surrounding field.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	11-98 2P ↗	VT2P	98	<b>236.6</b>	17.1	1	33.4	1289	1
Titan Pro	86-96 2P ↗	VT2P	96	<b>231.7</b>	16.8	0	33.4	1264	2
Hefty	H4842 RIB ↗	VT2P	98	<b>230.6</b>	17.2	2	34.8	1255	3
Titan Pro	82-95 2P ↗	VT2P	95	<b>229.3</b>	17.0	0	33.4	1250	4
Gold Country	97-14R2P ↗	VT2P	97	<b>228.7</b>	17.0	0	33.4	1246	5
Integra	4702 VT2PRIB ↗	VT2P	97	228.1	17.0	0	31.9	1243	6
Renk	RK485DGV2P ↗	VT2PDG	94	225.4	16.7	9	34.3	1230	7
Gold Country	95-03R2P ↗	VT2P	95	225.1	17.1	0	31.9	1227	8
Proseed	2196 VT2PRIB ↗	VT2P	96	223.6	17.0	0	32.9	1219	9
Integra	4509 VT2PRIB ↗	VT2P	95	222.0	17.2	0	33.8	1209	10
Latham	LH 4517 VT2P RIB ↗	VT2P	95	219.8	16.6	2	32.9	1200	11
Enestvedt	E658DP RIB ↗	VT2P	96	219.5	16.8	0	31.2	1197	12
Dairyland	DS-3550AM ↗	AM	95	219.0	17.1	0	32.4	1193	13
Thunder	T6294 VT2P ↗	VT2P	94	217.0	17.1	1	32.9	1182	14
Federal	4880 VT2PRIB ↗	VT2P	98	216.9	17.0	0	33.4	1182	15
Dahlman	R49-25VT2PRIB ↗	VT2P	98	216.0	16.9	0	33.4	1178	16
Renk	RK429-3220A ↗	3220A	93	215.6	17.2	0	32.4	1174	17
Latham	LH 4454 VT2P RIB ↗	VT2P	94	214.3	17.0	0	33.9	1168	20
Federal	4820 VT2P ↗	VT2P	98	214.2	16.6	2	33.9	1169	19
Latham	LH 4375 VT2P RIB ↗	VT2P	93	213.9	16.2	0	32.9	1170	18
Dairyland	DS-3715AM ↗	AM	97	213.7	17.1	0	34.3	1164	21
Dairyland	DS-3727AM ↗	AM	97	213.0	17.1	0	30.5	1160	22
DeKalb	DKC48-95RIB GC ↗	VT2P	98	212.4	16.9	0	33.4	1158	23
Thunder	T6298 VT2P ↗	VT2P	98	212.2	16.8	2	33.4	1158	24
Dyna-Gro	D37VC64 ↗	VT2P	97	211.4	17.1	0	34.3	1152	27
Renk	RK561VT2P ↗	VT2P	96	211.4	16.9	0	31.4	1153	25
Thunder	T6996 VT2P ↗	VT2P	96	211.1	16.6	0	33.4	1153	26
Renk	RK590VT2P ↗	VT2P	98	211.0	16.9	0	32.9	1150	29
Proseed	1998 VT2PRIB ↗	VT2P	98	210.9	16.8	0	30.0	1151	28
Gold Country	94-44RSS ↗	STX	94	210.7	16.7	0	32.9	1150	30
Pioneer	P0075Q CK	QR	100	192.5	17.9	0	33.4	1045	47
				<b>Averages =</b>	<b>212.4</b>	<b>16.9</b>	<b>1</b>	<b>33.0</b>	<b>1158</b>
				LSD (0.10) =	16.0	0.4	ns		
				LSD (0.25) =	8.4	0.2	ns		
				C.V. =	7.1				
Ed Dahle				Historic yield: 193.92 bu/a, 8 yr(s)					
ed.dahle@firstseedtests.com, (507) 456-6624									

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.50

Report Date: 10/09/2021

† 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. ↗ New! Links to full product yield results at [www.firstseedtests.com](http://www.firstseedtests.com)

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## 2021 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 B2021MNWC01b
<b>Top 30 of 46</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Corn, 2+ Yr / Force, Harness, Surestart, Callisto
<b>SOIL DESCRIPTION:</b>	Lester- Le Sueur, Canisto- Glencoe Loam loam, well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, high K, 6.3 pH, 3.3% OM, 19.4 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 30 35.0 /A 30" spacing
<b>HARVESTED - STAND:</b>	Oct 9 33.0 /A

### TEST COMMENTS:

*This was the first plot that we planted in the spring. It had excellent planting conditions. Nate noted that the site was very short on moisture up until around the V5 stage. After that, the site received about a half-inch of rain per week. The lodging was minimal but Nate also noted that the corn rootworm beetles were easy to find in the surrounding field.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Thunder	T6999 VT2P ↗	VT2P	99	<b>234.3</b>	17.5	0	33.9	1274	1
Dairyland	DS-4018AM ↗	AM	101	<b>228.0</b>	18.5	1	33.9	1234	2
Dairyland	DS-4000AMXT ↗	AMXT	100	<b>221.1</b>	18.0	0	33.4	1199	3
Latham	LH 4957 VT2P RIB ↗	VT2P	99	<b>219.6</b>	17.1	0	30.5	1196	4
Renk	RK579DGV2P ↗	VT2PDG	99	<b>218.5</b>	17.9	1	33.9	1186	5
Latham	LH 4937 VT2P RIB ↗	VT2P	99	<b>216.9</b>	16.9	0	34.3	1182	6
Dyna-Gro	D43VC81 ↗	VT2P	102	214.3	17.9	0	32.4	1163	7
Renk	RK600VT2P ↗	VT2P	100	212.8	17.8	2	32.9	1155	8
Hefty	H4922 RIB ↗	VT2P	99	212.3	17.3	3	33.4	1155	9
Hefty	H4942 RIB ↗	VT2P	99	211.7	17.1	3	31.9	1153	10
Hefty	H5055 ↗	TRE	100	211.7	17.5	0	32.4	1151	11
Dairyland	DS-4014Q ↗	QR	100	211.6	17.8	0	33.8	1149	12
NK Brand	NK0243-5122 EZR ↗	5122	102	210.7	18.6	0	32.4	1140	13
Latham	LH 5159 SS RIB ↗	STX	101	210.1	18.0	0	31.4	1140	14
Latham	LH 5049 SS RIB ↗	STX	100	208.7	17.5	0	32.4	1135	15
Gold Country	99-01R2P ↗	VT2P	99	206.9	17.3	0	33.8	1126	16
Enestvedt	E600DP RIB ↗	VT2P	99	206.0	16.7	0	33.8	1124	18
Federal	5120 STX ↗	STX	101	206.0	18.4	0	33.9	1116	19
Dairyland	DS-3959Q ↗	QR	99	205.5	17.9	0	34.3	1116	20
Dyna-Gro	D40VC41 ↗	VT2P	100	204.5	17.0	4	33.8	1115	21
Enestvedt	E699DP RIB ↗	VT2P	99	204.2	17.1	3	34.3	1113	22
Integra	5280 VT2PRIB ↗	VT2P	102	203.6	17.9	0	33.4	1105	23
Hefty	H4933 RIB ↗	VT2PDG	99	202.6	17.3	0	31.5	1102	24
Integra	5052 STXRIB ↗	STX	100	200.0	17.9	0	31.9	1086	26
Titan Pro	92-99 2P ↗	VT2P	99	199.8	17.3	1	33.9	1088	25
Thunder	T8100 SS ↗	STX	100	199.0	17.8	0	33.9	1081	27
Titan Pro	22-00 2P ↗	VT2P	100	198.2	17.9	0	33.4	1076	29
Hefty	H5132 RIB ↗	VT2P	101	197.9	17.1	1	34.3	1078	28
Gold Country	102-07RSS ↗	STX	102	197.6	18.5	0	31.0	1070	30
Dahlman	R50-25VT2PRIB ↗	VT2P	100	196.7	17.5	3	33.9	1069	31
Pioneer	P0075Q CK	QR	100	207.5	18.2	0	33.9	1125	17
				<b>Averages =</b>	<b>200.5</b>	<b>17.8</b>	<b>1</b>	<b>33.0</b>	<b>1090</b>
				LSD (0.10) =	14.9	0.4	ns		
				LSD (0.25) =	7.8	0.2	ns		
				C.V. =	7.0				
Ed Dahle				Historic yield: 193.92 bu/a, 8 yr(s)					
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