

Test by: NewVenture, LLC Ellendale, MN

## 2020 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNCW] STARBUCK, MN

Matt Moe, Pope County, MN 56381

<b>Early-Season Test</b>	93 - 98 Day CRM B2020MNCW05a
<b>Top 30 of 63</b>	For Gross Income (Sorted by Yield) Average of (2) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup Power Max, Avalanche Ultra, Interlock, Destiny Hc, Section Three
<b>SOIL DESCRIPTION:</b>	Hokns-Buse Loam loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, medium K, 7.0 pH, 4.5% OM, 23.3 CEC
<b>PEST MANAGEMENT:</b>	Force, Halex Gt, Class Act
<b>FERTILITY - Applied N:</b>	145 Spring
<b>Applied N-P-K (units):</b>	145-65-85
<b>SEEDED - RATE - ROW:</b>	Apr 30 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 33.2 /A

### TEST COMMENTS:

Planting conditions were excellent. This site is a slightly rolling site. The yield did seem to be lower over the small rises and higher in the lower spots. Matt said that August was dry and that rains were spotty. He also said that there was 3" more rain on the South side of town as they had on the North side.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAHLMAN	R49-25VT2PRIB	VT2P,B	98	<b>206.0</b>	16.1	0	31.2	715	1
RENK	RK568VT2P	VT2P,B	95	<b>205.7</b>	16.4	0	33.4	713	2
LATHAM	LH 4669 SS RIB	STX,B	96	<b>203.9</b>	16.9	0	32.7	704	3
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	<b>200.7</b>	16.6	0	32.7	694	5
FEDERAL	4880 VT2PRIB	VT2P,B	98	<b>200.1</b>	16.0	0	34.1	695	4
FEDERAL	4580 VT2PRIB	VT2P,B	95	<b>199.6</b>	16.6	0	33.4	691	6
ENESTVEDT	E640DP RIB	VT2P,B	94	<b>196.6</b>	15.1	0	34.1	688	7
NORTHSTAR	NS 98-513 STXRIB GC	STX,B	98	<b>196.6</b>	16.2	0	33.4	682	8
GOLD COUNTRY	97-75R2P	VT2P	97	195.7	16.3	0	32.7	679	9
ENESTVEDT	E658DP RIB	VT2P,B	96	194.0	16.8	0	33.4	670	10
NK BRAND	NK9738-5222-EZR	5222,B	97	192.8	17.4	0	33.4	663	12
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	192.0	16.4	0	32.7	665	11
FEDERAL	4800 VT2PRIB	VT2P,B	98	191.9	16.7	0	33.4	663	13
GOLD COUNTRY	97-14R2P	VT2P	97	190.9	16.2	0	34.1	662	14
PROSEED	1998 VT2PRIB	VT2P,B	98	190.7	16.5	0	34.8	661	15
PROSEED	1996 VT2PRIB	VT2P,B	96	190.4	16.9	0	34.1	657	16
DAHLMAN	R49-23VT2PRIB	VT2P,B	98	188.6	16.3	0	33.4	654	17
ANDERSON	786VT2P	VT2P	95	188.1	16.3	0	33.4	652	18
THUNDER	T6098 VT2P	VT2P,B	98	186.9	16.3	0	32.7	648	19
HEFTY	H4734SSRIB	STX,B	97	185.9	18.0	0	33.4	637	23
AUGUSTA	2545	5122,B	95	185.5	16.3	0	32.7	643	20
ANDERSON	609R	RR2	98	185.4	16.7	0	34.1	641	21
THUNDER	T6595 VT2P	VT2P,B	95	184.7	16.1	0	32.0	641	22
ANDERSON	745SRC	STX	97	184.6	17.7	0	33.4	634	25
GOLD COUNTRY	98-11R2P	VT2P,B	98	184.1	16.6	0	32.7	637	24
GOLDEN HARVEST	G95M41-5122-EZR	5122,B	95	181.6	16.2	0	33.4	630	26
ROB-SEE-CO	RC4535 GC	3110	95	178.9	16.5	0	31.2	620	28
INTEGRA	4509 VT2PRIB	VT2P,B	95	178.2	16.8	0	34.8	616	31
INTEGRA	4888 VT2PRIB	VT2P,B	98	177.6	15.9	0	33.4	618	29
RENK	RK593VT2PRIB	VT2P,B	97	177.6	16.1	0	33.4	617	30
PIONEER	P0075Q CK	QR	100	182.3	18.2	0	34.1	624	27

Averages = **177.1** **16.6** **0** **33.2** **613**

LSD (0.10) = 19.5 0.5 ns

LSD (0.25) = 10.2 0.3 ns

C.V. = 8.5

Historic yield: 210.3 bu/a, 3 yr(s)

Ed Dahle

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### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.50

Test by: NewVenture, LLC Ellendale, MN

## 2020 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] STARBUCK, MN

Matt Moe, Pope County, MN 56381

<b>Full-Season Test</b>	99 - 102 Day CRM B2020MNWC05b
<b>Top 30 of 47</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Roundup Power Max, Avalanche Ultra, Interlock, Destiny Hc, Section Three
<b>SOIL DESCRIPTION:</b>	Hokns-Buse Loam loam, mod. well drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, high P, medium K, 7.0 pH, 4.5% OM, 23.3 CEC
<b>PEST MANAGEMENT:</b>	Force, Halex Gt, Class Act
<b>FERTILITY - Applied N:</b>	145 Spring
<b>Applied N-P-K (units):</b>	145-65-85
<b>SEEDED - RATE - ROW:</b>	Apr 30 35.1 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 1 33.2 /A

### TEST COMMENTS:

Planting conditions were excellent. This site is a slightly rolling site. The yield did seem to be lower over the small rises and higher in the lower spots. Matt said that August was dry and that rains were spotty. He also said that there was 3" more rain on the South side of town as they had on the North side.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	D43VC81	VT2P	102	<b>212.4</b>	18.1	0	33.4	727	2
THUNDER	T6999 VT2P	VT2P,B	99	<b>211.2</b>	16.3	0	34.3	732	1
DYNA-GRO	D40VC41	VT2P	100	<b>204.5</b>	17.2	0	33.8	704	3
HEFTY	H4922VT2PRIB	VT2P,B	99	<b>203.3</b>	16.4	0	34.8	704	4
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	195.7	17.8	0	32.9	671	6
ENESTVEDT	E600DP RIB	VT2P,B	100	195.4	17.4	0	31.9	672	5
FEDERAL	5110 STX	STX	101	194.3	17.7	0	33.8	667	7
DAIRYLAND	DS-4014Q	QR,B	100	194.0	18.2	0	31.9	663	9
THUNDER	T6100 VT2P	VT2P,B	100	193.3	17.1	0	33.4	666	8
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	192.8	17.9	0	32.4	661	10
TITAN PRO	22-00 2P	VT2P,B	100	192.1	17.6	0	31.4	660	11
INTEGRA	5081 DGVT2PRIB	VT2PDG,B	100	190.6	17.8	0	32.9	654	14
LATHAM	LH 4989 SS RIB	STX,B	99	190.2	17.3	0	33.4	655	13
GOLD COUNTRY	99-01R2P	VT2P	99	190.2	17.6	0	30.5	653	15
ENESTVEDT	E696SS RIB	STX,B	100	190.1	18.2	0	29.5	650	17
GOLD COUNTRY	102-13RSS	STX	102	190.0	18.2	0	32.4	650	18
DAHLMAN	R51-22VT2PRIB	VT2P,B	100	189.3	16.5	0	32.4	656	12
TITAN PRO	92-99 2P	VT2P,B	99	188.8	16.9	0	33.9	652	16
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	187.9	18.5	0	32.9	641	22
FEDERAL	5000 VT2PRIB	VT2P,B	100	187.7	17.7	0	33.4	644	19
DAHLMAN	R52-24VT2PRIB	VT2P,B	103	187.2	17.3	0	32.4	644	20
RENK	RK600SSTX	STX,B	100	186.9	17.5	0	33.8	642	21
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	186.6	17.6	0	33.9	641	23
AUGUSTA	2050 GC	VT2P	100	184.8	17.1	0	33.8	637	24
ANDERSON	611VT2P	VT2P,B	100	184.7	17.5	0	33.9	635	26
NK BRAND	NK9991-5122-EZR	5122,B	99	184.7	17.7	0	33.9	634	28
LATHAM	LH 5049 SS RIB	STX,B	100	184.6	17.5	0	33.4	634	29
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	184.3	16.9	0	34.3	636	25
LATHAM	LH 4937 VT2P RIB	VT2P,B	99	183.7	16.6	0	33.4	635	27
RENK	RK579DGVT2P	VT2PDG,B	99	182.9	16.7	0	33.9	632	30
PIONEER	P0075Q CK	QR	100	164.0	18.7	0	34.8	559	46
				<b>Averages =</b>	<b>186.4</b>	<b>17.6</b>	<b>0</b>	<b>33.2</b>	<b>641</b>
				LSD (0.10) =	13.8	0.5	ns		
				LSD (0.25) =	7.3	0.3	ns		
				C.V. =	7.0				
Ed Dahle				Historic yield: 210.3 bu/a, 3 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