

Test by: NewVenture, LLC Ellendale, MN

2020 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] MONTEVIDEO, MN
DJ VanKlombenburg, Chippewa County, MN

Early-Season Test	93 - 98 Day CRM B2020MNWC06a
Top 30 of 63	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Perella-Colvin Complex silty clay, mod. poorly drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, low K, 7.2 pH, 4.8% OM, 31.6 CEC
PEST MANAGEMENT:	Force, Jackhammer, Durango, Explorer. Dicamba
FERTILITY - Applied N:	160 Spring, 15lbs S and 1 lb zinc
Applied N-P-K (units):	160-100-60
SEEDED - RATE - ROW:	Apr 27 35.1 /A 30" spacing
HARVESTED - STAND:	Oct 30 32.9 /A

TEST COMMENTS:

This site is very level and uniform. The corn was standing very well at harvest. The ears were large and filled to the tips. DJ told me that the planting conditions were the best that he has seen in many years. He also mentioned that the rains came just in time. There was little disease pressure noted and the weed control was excellent.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
GOLD COUNTRY	97-14R2P	VT2P	97	226.2	14.5	0	34.8	792	1	
RENK	RK593VT2PRIB	VT2P,B	97	211.8	14.9	0	33.4	741	2	
ANDERSON	609R	RR2	98	211.4	15.1	0	33.4	739	3	
GOLD COUNTRY	98-11R2P	VT2P,B	98	211.1	14.8	0	33.4	739	4	
DYNA-GRO	D37VC64	VT2P	97	208.3	14.5	0	32.4	729	5	
TITAN PRO	86-96 2P	VT2P,B	96	207.5	15.3	0	32.9	725	7	
GOLD COUNTRY	97-75R2P	VT2P	97	207.4	14.9	0	33.9	726	6	
INTEGRA	4888 VT2PRIB	VT2P,B	98	206.9	14.6	0	33.8	724	8	
THUNDER	T6094 VT2P	VT2P,B	94	206.2	14.5	0	33.4	722	9	
HEFTY	H4842VT2P	VT2P	98	205.9	15.4	0	31.9	718	12	
DAHLMAN	R49-25VT2PRIB	VT2P,B	98	205.7	15.0	0	33.9	720	10	
ROB-SEE-CO	RC4343 GC	3220A,B	93	205.5	15.6	0	33.8	716	13	
RENK	RK561DGV2PRIB	VT2PDG,B	95	205.3	14.9	0	31.9	719	11	
PROSEED	1998 VT2PRIB	VT2P,B	98	204.4	14.8	0	33.4	715	14	
HEFTY	H4322VT2PRIB	VT2P,B	93	204.2	14.5	0	32.4	715	15	
NORTHSTAR	NS 97-547 GC	VT2P,B	97	203.9	15.3	0	32.9	712	16	
THUNDER	T6098 VT2P	VT2P,B	98	202.9	15.3	0	33.4	709	19	
ROB-SEE-CO	RC4535 GC	3110	95	202.8	15.0	0	32.9	710	17	
RENK	RK499VT2P	VT2P	94	202.8	14.5	0	31.0	710	18	
NK BRAND	NK9738-5222-EZR	5222,B	97	202.1	15.7	0	31.9	704	22	
INTEGRA	4782 VT2PRIB	VT2P,B	97	202.0	14.4	0	33.4	707	20	
ANDERSON	745SRC	STX	97	201.5	15.6	0	32.4	702	24	
RENK	RK568VT2P	VT2P,B	95	201.3	14.6	0	34.3	705	21	
DAIRYLAND	DS-3715AMRIB	AM,B	97	201.3	15.3	0	32.4	703	23	
ENESTVEDT	E658DP RIB	VT2P,B	96	200.7	14.8	0	31.9	702	25	
PROSEED	1996 VT2PRIB	VT2P,B	96	200.5	14.9	0	33.4	702	26	
LATHAM	LH 4657 VT2P RIB	VT2P,B	96	200.5	14.6	0	32.4	702	27	
TITAN PRO	82-95 2P	VT2P,B	95	200.4	14.9	0	32.9	701	28	
FEDERAL	4880 VT2PRIB	VT2P,B	98	200.3	14.6	0	32.4	701	29	
LATHAM	LH 4669 SS RIB	STX,B	96	199.6	14.9	0	32.9	699	30	
PIONEER	P0075Q CK	QR	100	192.9	16.3	0	33.4	669	51	
				Averages =	198.0	15.0	0	32.9	692	
				LSD (0.10) =	13.9	0.2	ns			
				LSD (0.25) =	7.3	0.1	ns			
				C.V. =	6.7					Historic yield: new site

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.50

Report Date: 11/02/2020

† 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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DJ VanKlombenburg, Chippewa County, MN

Full-Season Test	99 - 102 Day CRM B2020MNWC06b
Top 30 of 47	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Perella-Colvin Complex silty clay, mod. poorly drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, low K, 7.2 pH, 4.8% OM, 31.6 CEC
PEST MANAGEMENT:	Force, Jackhammer, Durango, Explorer, Dicamba
FERTILITY - Applied N:	160 Spring, 15lbs S and 1 lb zinc
Applied N-P-K (units):	160-100-60
SEEDED - RATE - ROW:	Apr 27 35.1 /A 30" spacing
HARVESTED - STAND:	Oct 30 32.8 /A

TEST COMMENTS:

This site is very level and uniform. The corn was standing very well at harvest. The ears were large and filled to the tips. DJ told me that the planting conditions were the best that he has seen in many years. He also mentioned that the rains came just in time. There was little disease pressure noted and the weed control was excellent.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK626SSTX	STX	102	226.9	16.0	0	34.8	788	1
DYNA-GRO	D40VC41	VT2P	100	222.2	15.0	0	33.4	778	2
DAIRYLAND	DS-4014Q	QR,B	100	221.6	16.2	0	31.9	769	4
TITAN PRO	92-99 2P	VT2P,B	99	220.5	14.9	0	32.9	772	3
GOLD COUNTRY	99-01R2P	VT2P	99	220.2	15.3	0	32.4	769	5
AUGUSTA	2050 GC	VT2P	100	219.4	15.0	0	33.4	768	6
PIONEER	P9998Q GC	QR	99	218.4	15.6	0	33.9	761	7
THUNDER	T6100 VT2P	VT2P,B	100	216.3	15.1	0	34.8	757	8
ENESTVEDT	E600DP RIB	VT2P,B	100	213.6	14.9	0	32.4	748	9
HEFTY	H5144SS	STX	101	211.8	15.2	0	33.9	740	11
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	211.5	15.5	0	31.0	738	12
DAIRYLAND	DS-4018AM	AM,AQ,B	101	210.8	15.7	0	33.9	734	13
NK BRAND	NK0243-5122-EZR	5122,B	102	210.2	16.5	0	30.5	728	16
PROSEED	19102 3110	3110	102	210.0	16.8	0	34.3	726	17
DAHLMAN	R51-22VT2PRIB	VT2P,B	100	209.3	14.5	0	32.4	733	14
GOLD COUNTRY	102-13RSS	STX	102	209.1	16.4	0	33.4	725	18
GOLD COUNTRY	99-30R2P	VT2P	99	208.5	15.1	0	32.4	729	15
HEFTY	H4922VT2PRIB	VT2P,B	99	206.9	14.7	0	34.3	724	19
LATHAM	LH 5025 VT2PDG RIB	VT2PDG,B	100	206.0	15.2	0	32.4	720	20
CHANNEL	199-11SXTRIB GC	STX,B	99	205.1	15.7	0	32.4	714	22
TITAN PRO	TP 58-01 2P	VT2P,B	101	204.9	14.5	0	32.9	717	21
ENESTVEDT	E699DP RIB	VT2P,B	99	204.1	14.8	0	33.4	714	23
HEFTY	H5003VT2PDGRIB	VT2PDG,B	100	203.9	14.9	0	31.9	714	24
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	203.9	16.6	0	31.4	706	27
RENK	RK600SSTX	STX,B	100	203.6	15.5	0	33.9	710	25
RENK	RK579DGV2P	VT2PDG,B	99	203.0	15.1	0	33.4	710	26
INTEGRA	5280 VT2PRIB	VT2P,B	102	202.0	15.3	0	32.9	705	29
FEDERAL	5280 VT2PRIB	VT2P,B	102	201.9	15.1	0	33.4	706	28
INTEGRA	5081 DGV2PRIB	VT2PDG,B	100	200.9	15.0	0	33.4	703	30
HEFTY	H4933VT2PDGRIB	VT2PDG,B	99	200.9	14.9	0	32.9	703	31
PIONEER	P0075Q CK	QR	100	214.0	16.2	0	32.4	743	10
				Averages =	205.5	15.4	0	32.8	717
				LSD (0.10) =	12.9	0.3	ns		
				LSD (0.25) =	6.8	0.2	ns		
				C.V. =	6.0				

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Historic yield: new site

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