

Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] MONTEVIDEO, MN
Montevideo Farms, Chippewa County, MN

Early-Season Test	93 - 98 Day CRM B2021MNWC04a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / NA
SOIL DESCRIPTION:	Tara Silt Loam silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 7.0 pH, 4.5% OM, 28.9 CEC
PEST MANAGEMENT:	Force, Jackhammer, Durango, Explorer, Dicamba
FERTILITY - Applied N:	160 Spring, 15 lbs S and 1 lbs Zn
Applied N-P-K (units):	160-100-60
SEEDED - RATE - ROW:	May 3 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.1 /A

TEST COMMENTS:

The corn at this plot was standing very well with very little lodging noted. The plants looked great but the cobs were on the small side and some were not completely filled out. There were no spots of weeds or disease noted. Overall, this was a good plot but needed some more rain to get it to top-end yield.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Gold Country	97-14R2P ↗	VT2P	97	226.8	15.9	0	33.4	1129	1	
Renk	RK590VT2P ↗	VT2P	98	225.1	16.5	1	34.8	1117	2	
Proseed	2196 VT2PRIB ↗	VT2P	96	224.9	16.3	0	30.5	1117	3	
Renk	RK593VT2PRIB ↗	VT2P	97	211.0	15.6	0	34.8	1052	5	
Titan Pro	11-98 2P ↗	VT2P	98	210.1	15.8	0	32.9	1046	6	
Hefty	H4522 RIB ↗	VT2P	95	209.0	16.4	0	34.3	1038	7	
Anderson	609R ↗	RR2	98	207.3	15.8	0	33.4	1032	8	
Titan Pro	86-96 2P ↗	VT2P	96	205.3	16.0	0	33.8	1021	9	
Enestvedt	E658DP RIB ↗	VT2P	96	204.8	15.9	0	34.1	1019	10	
Integra	4702 VT2PRIB ↗	VT2P	97	202.6	16.0	0	32.4	1008	11	
Latham	LH 4669 SS RIB ↗	STX	96	202.4	17.1	0	32.9	1002	12	
Hefty	H4732 ↗	VT2P	97	201.2	16.5	0	33.4	998	13	
Dahlman	R49-23VT2PRIB ↗	VT2P	98	200.8	16.8	0	32.4	995	16	
Proseed	1998 VT2PRIB ↗	VT2P	98	200.2	16.2	0	32.9	995	17	
Thunder	T6298 VT2P ↗	VT2P	98	199.9	15.5	0	32.4	997	14	
Golden Harvest	G95M41-5122 EZR ↗	5122	95	199.9	16.2	0	32.9	994	18	
Latham	LH 4517 VT2P RIB ↗	VT2P	95	199.8	15.7	0	34.3	996	15	
Thunder	T6595 VT2P ↗	VT2P	95	199.7	16.1	0	33.4	993	19	
Dairyland	DS-3550AM ↗	AM	95	198.8	16.2	0	33.9	988	20	
Hefty	H4842 RIB ↗	VT2P	98	198.7	16.2	0	33.9	987	21	
Integra	4509 VT2PRIB ↗	VT2P	95	198.4	16.5	0	30.9	984	23	
Hefty	H4322 RIB ↗	VT2P	93	198.0	15.9	0	31.0	986	22	
Dahlman	R49-25VT2PRIB ↗	VT2P	98	196.0	16.0	0	33.4	975	24	
Dairyland	DS-3715AM ↗	AM	97	194.7	16.3	0	33.4	967	26	
Federal	4880 VT2PRIB ↗	VT2P	98	194.6	15.8	0	33.4	969	25	
Renk	RK429-3220A ↗	3220A	93	194.2	15.9	0	33.4	967	27	
Dairyland	DS-3727AM ↗	AM	97	193.4	16.7	0	32.9	959	28	
Renk	RK561DGVT2PRIB ↗	VT2PDG	95	191.6	16.4	0	32.4	951	29	
Latham	LH 4657 VT2P RIB ↗	VT2P	96	191.1	15.9	0	33.9	951	30	
Hefty	H4332 RIB ↗	VT2P	93	190.0	15.2	0	32.9	949	31	
Pioneer	P0075Q CK	QR	100	218.9	16.7	0	34.3	1085	4	
				Averages =	195.1	16.1	0	33.1	971	
				LSD (0.10) =	16.4	0.3	ns			
				LSD (0.25) =	8.6	0.2	ns			
				C.V. =	8.0					
Ed Dahle				Historic yield: 201.49 bu/a, 1 yr(s)						
ed.dahle@firstseedtests.com, (507) 456-6624										

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00

Report Date: 10/24/2021

† 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

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Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] MONTEVIDEO, MN
Montevideo Farms, Chippewa County, MN

Full-Season Test	99 - 102 Day CRM B2021MNWC04b
Top 30 of 46	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / NA
SOIL DESCRIPTION:	Tara Silt Loam silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/ Fall Till, high P, medium K, 7.0 pH, 4.5% OM, 28.9 CEC
PEST MANAGEMENT:	Force, Jackhammer, Durango, Explorer, Dicamba
FERTILITY - Applied N:	160 Spring, 15 lbs S and 1 lbs Zn
Applied N-P-K (units):	160-100-60
SEEDED - RATE - ROW:	May 3 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 23 33.4 /A

TEST COMMENTS:

The corn at this plot was standing very well with very little lodging noted. The plants looked great but the cobs were on the small side and some were not completely filled out. There were no spots of weeds or disease noted. Overall, this was a good plot but needed some more rain to get it to top-end yield.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Latham	LH 4937 VT2P RIB ↗	VT2P	99	228.7	16.2	0	34.3	1137	1	
Dyna-Gro	D43VC81 ↗	VT2P	102	210.1	18.1	0	33.9	1034	4	
Integra	5052 STXRIB ↗	STX	100	209.7	17.2	0	33.4	1037	3	
Hefty	H5055 ↗	TRE	100	209.5	16.8	0	33.8	1038	2	
Integra	5280 VT2PRIB ↗	VT2P	102	206.3	17.8	0	33.4	1017	5	
Dyna-Gro	D40VC41 ↗	VT2P	100	203.6	16.1	0	33.9	1012	6	
Federal	5120 STX ↗	STX	101	203.5	17.4	0	34.1	1005	8	
Hefty	H4922 RIB ↗	VT2P	99	202.8	16.3	0	34.8	1007	7	
Augusta	A2150-5222-EZ ↗	5222	100	198.0	17.9	0	33.4	975	12	
Enestvedt	E699DP RIB ↗	VT2P	99	197.9	16.9	0	34.3	980	10	
Dairyland	DS-4000AMXT ↗	AMXT	100	197.9	17.0	0	33.4	980	11	
Federal	5280 VT2PRIB ↗	VT2P	102	196.0	17.5	0	32.9	968	13	
Titan Pro	22-00 2P ↗	VT2P	100	194.8	17.4	0	34.3	962	14	
Thunder	T6902 VT2P ↗	VT2P	102	193.4	17.3	0	31.0	956	17	
Thunder	T6100 VT2P ↗	VT2P	100	193.4	16.7	0	34.3	959	15	
Dahlman	R50-25VT2PRIB ↗	VT2P	100	193.1	16.7	0	33.9	957	16	
Titan Pro	16-00 5222 ↗	5222	100	192.3	17.8	0	32.9	948	18	
Dairyland	DS-3959Q ↗	QR	99	190.7	18.1	0	34.8	939	20	
Hefty	H4933 RIB ↗	VT2PDG	99	189.4	17.0	0	31.4	938	21	
Golden Harvest	G02K39-5122 EZR ↗	5122	102	189.3	18.7	0	33.4	929	23	
Thunder	T8100 SS ↗	STX	100	189.2	16.4	0	33.8	940	19	
Thunder	T6999 VT2P ↗	VT2P	99	188.9	16.6	0	33.9	937	22	
Gold Country	99-01R2P ↗	VT2P	99	187.2	17.3	0	32.4	925	24	
AgriGold	A629-12VT2RIB GC ↗	VT2P	99	186.0	16.7	0	33.4	922	25	
Renk	RK579DGVT2P ↗	VT2PDG	99	185.7	17.3	0	33.4	918	26	
Dairyland	DS-4014Q ↗	QR	100	183.1	17.7	0	33.9	903	27	
Hefty	H5132 RIB ↗	VT2P	101	181.5	17.3	0	34.3	897	29	
Latham	LH 4957 VT2P RIB ↗	VT2P	99	181.2	16.8	0	32.9	898	28	
Hefty	H4942 RIB ↗	VT2P	99	178.7	16.5	0	33.4	887	30	
NK Brand	NK9991-5122 EZR ↗	5122	99	178.2	17.3	0	33.8	881	31	
Pioneer	P0075Q CK	QR	100	202.9	17.6	0	32.9	1001	9	
				Averages =	185.1	17.2	0	33.4	916	
				LSD (0.10) =	25.1	0.5	ns			
				LSD (0.25) =	13.2	0.3	ns			
				C.V. =	12.9					
Ed Dahle				Historic yield: 201.49 bu/a, 1 yr(s)						
ed.dahle@firstseedtests.com, (507) 456-6624										

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00

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