

Test by: NewVenture, LLC Ellendale, MN

2021 Corn Grain Top 30 Harvest Report

Minnesota West Central [MNWC] CLINTON, MN

Doug Nelson, Big Stone County, MN 56225

Early-Season Test	93 - 98 Day CRM B2021MNWC03a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Fram-Vallers-Parnell Complex loam, mod. poorly drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 7.2 pH, 3.6% OM, 24.3 CEC
PEST MANAGEMENT:	Force, Callisto, Surestart, Roundup
FERTILITY - Applied N:	150 Spring
Applied N-P-K (units):	150-50-30
SEDED - RATE - ROW:	May 1 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 32.8 /A

TEST COMMENTS:

Doug said that this site received 4" of rain prior to planting. He thinks that the roots just started to go down to find moisture during the dry growing season. He was very happy with the yield for this year. The lodging that was noted was all stalk lodging, and the corn was all laying in the same direction. No significant diseases were noted.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Titan Pro	82-95 2P ↗	VT2P	95	245.4	15.9	0	34.3	1221	1
Dairyland	DS-3727AM ↗	AM	97	244.6	15.6	0	33.4	1219	3
Renk	RK429-3220A ↗	3220A	93	244.4	15.4	5	33.4	1220	2
Dyna-Gro	D37VC64 ↗	VT2P	97	240.6	14.6	0	32.0	1203	4
Integra	4311 VT2PRIB ↗	VT2P	93	239.1	15.4	0	33.9	1193	5
Latham	LH 4375 VT2P RIB ↗	VT2P	93	237.0	14.9	0	33.9	1185	6
Gold Country	97-14R2P ↗	VT2P	97	236.4	15.3	0	33.4	1180	7
Renk	RK593VT2PRIB ↗	VT2P	97	235.7	15.6	18	31.4	1175	9
DeKalb	DKC48-95RIB GC ↗	VT2P	98	235.4	15.2	0	31.9	1176	8
Thunder	T6298 VT2P ↗	VT2P	98	234.6	14.5	5	31.4	1173	10
Titan Pro	11-98 2P ↗	VT2P	98	234.0	15.4	0	33.9	1168	11
Renk	RK561DGV2PRIB ↗	VT2PDG	95	232.7	16.1	0	32.9	1157	13
Hefty	H4732 ↗	VT2P	97	232.0	15.3	0	31.5	1158	12
Latham	LH 4454 VT2P RIB ↗	VT2P	94	231.8	15.3	0	33.4	1157	14
Renk	RK590VT2P ↗	VT2P	98	229.4	15.7	0	34.1	1142	15
Thunder	T6996 VT2P ↗	VT2P	96	227.4	15.7	0	34.3	1133	17
Enestvedt	E658DP RIB ↗	VT2P	96	227.1	14.9	0	33.4	1136	16
Dahlman	R49-23VT2PRIB ↗	VT2P	98	226.3	15.6	0	32.4	1128	18
Latham	LH 4657 VT2P RIB ↗	VT2P	96	225.6	16.2	0	34.3	1121	19
Gold Country	94-44RSS ↗	STX	94	223.5	15.1	0	32.4	1117	20
Hefty	H4332 RIB ↗	VT2P	93	221.9	14.8	0	33.8	1110	21
Dairyland	DS-3550AM ↗	AM	95	221.5	15.4	0	30.5	1105	22
Anderson	786R ↗	RR2	95	220.6	15.4	1	33.4	1101	23
Titan Pro	86-96 2P ↗	VT2P	96	220.4	15.5	0	32.9	1099	25
Dairyland	DS-3366AM ↗	AM	93	220.1	15.2	0	33.9	1100	24
Gold Country	95-03R2P ↗	VT2P	95	220.0	15.4	0	30.5	1098	26
Proseed	2196 VT2PRIB ↗	VT2P	96	219.1	15.3	0	31.9	1094	27
Federal	4880 VT2PRIB ↗	VT2P	98	216.7	15.1	0	31.9	1083	28
Proseed	1998 VT2PRIB ↗	VT2P	98	216.6	15.3	0	31.9	1081	29
Thunder	T6294 VT2P ↗	VT2P	94	216.2	15.0	16	34.3	1081	30
Pioneer	P0075Q CK	QR	100	216.4	16.9	17	34.8	1072	36
Averages =				221.4	15.4	3	32.8	1106	
LSD (0.10) =				13.4	0.4	7			
LSD (0.25) =				7.0	0.2	4			
C.V. =				5.7					
Historic yield: 196.53 bu/a, 15 yr(s)									

Ed Dahle

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.00

Report Date: 10/20/2021

Additional reports available at www.firstseedtests.com

† 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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Full-Season Test	99 - 102 Day CRM B2021MNWC03b
Top 30 of 46	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybeans / Enlist
SOIL DESCRIPTION:	Fram-Vallers-Parnell Complex loam, mod. poorly drained, non- irrigated
SOIL CONDITION:	Conventional W/ Fall Till, very high P, medium K, 7.2 pH, 3.6% OM, 24.3 CEC
PEST MANAGEMENT:	Force, Callisto, Surestart, Roundup
FERTILITY - Applied N:	150 Spring
Applied N-P-K (units):	150-50-30
SEEDED - RATE - ROW:	May 1 35.0 /A 30" spacing
HARVESTED - STAND:	Oct 19 33.0 /A

TEST COMMENTS:

Doug said that this site received 4" of rain prior to planting. He thinks that the roots just started to go down to find moisture during the dry growing season. He was very happy with the yield for this year. The lodging that was noted was all stalk lodging, and the corn was all laying in the same direction. No significant diseases were noted.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	199-29 STXRIB GC ↗	STX	99	239.9	15.5	0	33.4	1197	1
Dyna-Gro	D40VC41 ↗	VT2P	100	238.5	15.3	0	34.3	1191	2
Thunder	T6999 VT2P ↗	VT2P	99	237.6	14.9	4	33.8	1188	3
Titan Pro	22-00 2P ↗	VT2P	100	236.5	16.3	0	32.4	1175	5
Hefty	H5055 ↗	TRE	100	236.2	16.2	0	32.4	1174	6
Renk	RK579DGV2P ↗	VT2PDG	99	236.1	15.2	1	32.4	1179	4
Gold Country	99-01R2P ↗	VT2P	99	232.5	16.0	1	31.4	1157	7
AgriGold	A631-90VT2PRO GC ↗	VT2P	101	229.4	17.1	0	31.9	1135	9
Hefty	H4922 RIB ↗	VT2P	99	228.4	14.9	3	34.3	1142	8
Gold Country	101-49RSS ↗	STX	101	228.4	16.2	0	34.8	1135	10
Gold Country	102-07RSS ↗	STX	102	227.3	16.8	0	31.9	1126	11
Latham	LH 4937 VT2P RIB ↗	VT2P	99	225.6	15.3	3	34.3	1126	13
Hefty	H4933 RIB ↗	VT2PDG	99	225.6	15.3	0	30.0	1126	14
Enestvedt	E699DP RIB ↗	VT2P	99	225.1	15.4	3	33.8	1123	15
Dairyland	DS-4014Q ↗	QR	100	224.8	16.2	0	31.4	1117	16
Federal	5280 VT2PRIB ↗	VT2P	102	224.4	16.4	1	32.9	1114	17
Titan Pro	92-99 2P ↗	VT2P	99	223.0	15.1	9	33.9	1114	18
Hefty	H4942 RIB ↗	VT2P	99	223.0	15.6	0	33.9	1112	19
Golden Harvest	G99E68-5122 EZR ↗	5122	99	221.7	16.2	5	33.9	1102	22
Enestvedt	E600DP RIB ↗	VT2P	99	221.3	15.1	0	32.4	1106	20
Dyna-Gro	D43VC81 ↗	VT2P	102	221.1	16.2	0	33.9	1099	23
Renk	RK600VT2P ↗	VT2P	100	221.0	15.3	4	33.9	1103	21
Integra	5280 VT2PRIB ↗	VT2P	102	220.2	16.6	0	32.9	1092	24
Hefty	H5132 RIB ↗	VT2P	101	218.4	15.1	3	34.3	1092	25
Integra	5052 STXRIB ↗	STX	100	218.3	16.0	0	34.3	1086	27
Dahlman	R50-25VT2PRIB ↗	VT2P	100	218.2	15.1	4	33.9	1090	26
Dairyland	DS-4000AMXT ↗	AMXT	100	217.5	15.5	0	31.9	1085	28
AgriGold	A629-12VT2RIB GC ↗	VT2P	99	217.5	16.2	0	31.0	1081	29
Latham	LH 4957 VT2P RIB ↗	VT2P	99	215.8	15.6	0	31.9	1076	30
Thunder	T6902 VT2P ↗	VT2P	102	214.2	16.1	0	33.4	1065	31
Pioneer	P0075Q CK	QR	100	225.9	15.7	12	32.9	1126	12
Averages =				216.7	15.9	2	33.0	1079	
LSD (0.10) =				19.1	0.5	6			
LSD (0.25) =				10.0	0.3	3			
C.V. =				8.4					
Historic yield: 196.53 bu/a, 15 yr(s)									

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Yield & Income Factors:

Base Moisture = 15.0%

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