

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
SEEDED - 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	RK561DGVT2PRIB ↗	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

† 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

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Minnesota West Central [MNWC] CLINTON, MN
Doug Nelson, Big Stone County, MN 56225

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					
Ed Dahle				Historic yield: 196.53 bu/a, 15 yr(s)						
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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.00

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† 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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