

Test by: Northland F.I.R.S.T., LLC Moorhead, MN

2021 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO] DORAN, MN

Bruce Yaggie, Wilkin County, MN 56520

Early-Season Test 85 - 90 Day CRM B2021RRSO05a

Top 30 of 37 For Gross Income (Sorted by Yield) Average of (4) Replications

PREV. CROP/HERB: Soybeans / Liberty
SOIL DESCRIPTION: Hamerly clay loam, moderately drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, low P, medium K, 7.7 pH, 3.3% OM, 26.4 CEC

PEST MANAGEMENT: Roundup, Atrazine

FERTILITY - Applied N: 120 Spring, 60 Sidedress

Applied N-P-K (units): 180-65-70

SEEDED - RATE - ROW: May 7 34.5 /A 30" spacing

HARVESTED - STAND: Nov 4 33.2 /A

TEST COMMENTS:

This location had more timely rains than most of our other plots. A few good rains around and after pollination helped this plot perform very well. Many hybrids had cobs that were 18-20 kernels around, with high test weight. There was very minimal lodging due to high winds a week before harvest, but overall, stalks were very strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Rob-See-Co	RC3601-3011A ↗	3011A	86	239.2	17.2	0	32.9	1295	1
REA	3B903 ↗	VT2P	90	234.5	15.8	0	33.3	1278	2
Latham	LH 3937 VT2P RIB ↗	VT2P	89	233.8	16.5	0	33.3	1270	3
Latham	LH 3827 VT2P RIB ↗	VT2P	88	233.3	16.1	0	33.7	1269	4
Renk	RK312VT2PRIB ↗	VT2P	90	230.8	16.4	0	34.0	1255	5
Golden Harvest	G90Y04-5222A EZR ↗	5222A	90	230.8	17.2	0	32.9	1250	6
Integra	4041 VT2PRIB ↗	VT2P	90	226.3	16.7	0	32.5	1228	7
Dairyland	DS-2828AM ↗	AM	88	225.6	17.2	0	33.7	1222	8
Innotech	IC3983-3220 ↗	3220	89	224.5	16.1	0	32.9	1222	9
Dyna-Gro	D27VC87 ↗	VT2P	87	222.7	16.0	1	34.0	1213	10
AgriGold	A615-64VT2RIB GC ↗	VT2P	85	221.2	15.8	1	34.0	1206	12
Channel	189-64STXRIB GC ↗	STX	89	220.8	17.0	0	33.9	1197	14
Hefty	H3712 RIB ↗	VT2P	87	220.0	15.3	1	32.9	1202	13
Hefty	H4052 ↗	VT2P	90	219.9	16.7	0	33.7	1194	15
Renk	RK315VT2P ↗	VT2P	90	219.7	16.7	0	33.7	1192	16
Proseed	1790 VT2PRIB ↗	VT2P	90	219.5	16.9	0	32.2	1190	17
Enestvedt	E878DP RIB ↗	VT2P	87	216.9	15.9	1	32.2	1181	18
Dahlman	R45-25VT2PRIB ↗	VT2P	90	216.3	16.8	0	31.8	1174	20
Integra	3629 VT2PRIB ↗	VT2P	86	216.1	15.8	2	33.3	1178	19
Hefty	H3922 RIB ↗	VT2P	89	216.0	16.6	0	32.5	1173	22
Channel	187-20VT2PRIB GC ↗	VT2P	87	215.5	15.9	0	32.9	1174	21
Dairyland	DS-3022AM ↗	AM	90	214.7	17.2	0	32.9	1163	23
Latham	LH 3695 VT2P RIB ↗	VT2P	86	212.3	16.0	1	32.9	1156	24
Thunder	T6888 VT2P ↗	VT2P	88	212.0	15.9	1	33.7	1154	27
Renk	RK297VT2P ↗	VT2P	89	211.9	15.9	0	34.0	1155	25
Golden Harvest	G90S99-5222 EZR ↗	5222	90	211.9	16.2	0	33.3	1153	28
REA	2B862 ↗	VT2P	86	211.8	15.8	0	33.7	1155	26
Thunder	T6190 VT2P ↗	VT2P	90	209.2	16.4	0	34.4	1137	29
Hefty	H3542 RIB ↗	VT2P	85	206.7	16.0	0	33.7	1125	30
Golden Harvest	G85Z56-3220 EZR ↗	3220	85	205.6	16.4	0	33.3	1118	31
DeKalb	DKC41-99RIB CK	VT2P	91	221.7	16.1	0	33.7	1207	11

Averages = **214.5** **16.3** **0** **33.2** **1167**

LSD (0.10) = 13.3 0.4 ns

LSD (0.25) = 7.0 0.2 ns

C.V. = 6.8

Historic yield: new site

Luke Brendemuhl

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.47

Report Date: 11/04/2021

† 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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2021 Corn Grain Top 30 Harvest Report

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Bruce Yaggie, Wilkin County, MN 56520

Full-Season Test 91 - 95 Day CRM B2021RRSO05b

Top 30 of 40 For Gross Income (Sorted by Yield) Average of (4) Replications

PREV. CROP/HERB: Soybeans / Liberty
SOIL DESCRIPTION: Hamerly clay loam, moderately drained, non-irrigated
SOIL CONDITION: Conventional W/ Fall Till, low P, medium K, 7.7 pH, 3.3% OM, 26.4 CEC
PEST MANAGEMENT: Roundup, Atrazine
FERTILITY - Applied N: 120 Spring, 60 Sidedress
Applied N-P-K (units): 180-65-70
SEDED - RATE - ROW: May 7 34.5 /A 30" spacing
HARVESTED - STAND: Nov 4 33.3 /A

TEST COMMENTS:

This location had more timely rains than most of our other plots. A few good rains around and after pollination helped this plot perform very well. Many hybrids had cobs that were 18-20 kernels around, with high test weight. There was very minimal lodging due to high winds a week before harvest, but overall, stalks were very strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK429-3220A ↗	3220A	93	254.1	17.7	0	32.9	1373	1
Latham	LH 4375 VT2P RIB ↗	VT2P	93	248.9	16.7	0	33.7	1351	2
Dairyland	DS-3366AM ↗	AM	93	248.0	17.5	0	33.7	1341	3
Enestvedt	E612RR ↗	RR2	92	246.4	17.6	0	32.9	1332	4
AgriGold	A621-77VT2RIB GC ↗	VT2P	91	240.7	17.4	0	33.3	1302	6
Rob-See-Co	RC4166-3110A ↗	3110A	91	238.0	18.1	0	33.7	1284	8
REA	3B912 ↗	VT2P	91	236.9	16.6	0	33.7	1286	7
Dahlman	R47-24VT2PRIB ↗	VT2P	94	236.5	17.9	0	32.9	1277	9
Integra	4509 VT2PRIB ↗	VT2P	95	236.0	18.6	0	33.9	1270	11
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	235.4	18.0	0	32.9	1270	12
Thunder	T6294 VT2P ↗	VT2P	94	235.1	17.8	0	33.3	1270	13
Hefty	H4332 RIB ↗	VT2P	93	234.8	17.1	0	33.3	1272	10
Integra	4311 VT2PRIB ↗	VT2P	93	234.7	17.6	0	32.9	1268	14
AgriGold	A625-78VT2RIB GC ↗	VT2P	95	232.8	17.7	0	33.3	1258	16
Dyna-Gro	D35VC35 ↗	VT2P	95	232.6	17.2	0	33.7	1259	15
Rob-See-Co	RC4535-3110 ↗	3110	95	231.0	18.0	0	34.0	1246	17
Channel	195-85DGV2PRIB GC ↗	VT2P	95	229.8	17.2	0	32.9	1244	18
Thunder	T6993 VT2P ↗	VT2P	93	229.1	17.7	0	33.3	1238	19
REA	4B933 ↗	VT2P	93	228.6	17.1	0	33.3	1238	20
Proseed	1794 VT2PRIB ↗	VT2P	94	228.2	17.7	0	33.7	1233	21
Hefty	H4222 RIB ↗	VT2P	92	226.9	17.5	0	30.7	1227	22
Latham	LH 4517 VT2P RIB ↗	VT2P	95	226.6	17.9	0	33.3	1223	23
Latham	LH 4454 VT2P RIB ↗	VT2P	94	226.1	18.0	0	32.9	1220	24
Dahlman	R48-28VT2PRIB ↗	VT2P	95	225.8	17.8	0	32.5	1219	25
Dairyland	DS-3550AM ↗	AM	95	224.6	17.9	0	33.3	1212	27
Thunder	T6992 VT2P ↗	VT2P	92	224.3	17.9	0	33.3	1211	28
Dairyland	DS-3162Q ↗	QR	91	224.1	16.9	0	33.3	1215	26
REA	4B958 ↗	VT2P	95	223.0	19.1	0	34.0	1197	29
Thunder	T6595 VT2P ↗	VT2P	95	221.4	17.7	0	34.0	1196	30
REA	4B944 ↗	VT2P	94	220.6	17.5	0	33.3	1193	31
DeKalb	DKC41-99RIB CK	VT2P	91	240.5	16.8	0	33.3	1304	5

Averages = **229.2** 17.7 0 33.3 1237

LSD (0.10) = 12.4 0.6 0

LSD (0.25) = 6.5 0.3 0

C.V. = 5.9

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Historic yield: new site

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.47

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