

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]

FAIRMOUNT, ND

Rydell Farms, Richland County, ND 58030

**Early-Season Test** 85 - 90 Day CRM  
B2021RRSO03a

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

**PREV. CROP/HERB:** Soybeans / Liberty, Verdict,  
Outlook

**SOIL DESCRIPTION:** Antler-Mustinka silty clay loam,  
mod. poorly drained, non-  
irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, very  
low P, medium K, 8.0 pH, 1.8%  
OM, 22.6 CEC

**PEST MANAGEMENT:** Laudis, Broclean

**FERTILITY - Applied N:** 175 Spring

**Applied N-P-K (units):** 175-70-78

**SEEDED - RATE - ROW:** May 6 34.5 /A 30" spacing

**HARVESTED - STAND:** Oct 4 33.4 /A

### TEST COMMENTS:

The plot was planted in dry conditions and paired with a dry start to the season, some varieties had slightly delayed emergence. The surrounding area was well below the 10 year average for rainfall from May through July, with above-average rainfall in the month of August. Above-average heat units helped to have drier corn at harvest this early in October. Minimal stalk lodging was noticed in a few varieties but was not an issue during harvest.

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	<b>220.1</b>	16.3	0	33.7	1149	1	
Hefty	H4052 ↗	VT2P	90	<b>213.5</b>	17.0	0	33.7	1110	2	
REA	3B903 ↗	VT2P	90	<b>207.7</b>	15.4	1	33.7	1088	3	
Integra	4041 VT2PRIB ↗	VT2P	90	<b>207.1</b>	17.0	0	32.9	1077	4	
Renk	RK315VT2P ↗	VT2P	90	<b>205.9</b>	17.6	0	33.3	1068	5	
Latham	LH 3937 VT2P RIB ↗	VT2P	89	<b>204.3</b>	17.2	0	33.7	1061	6	
Golden Harvest	G90S99-5222 EZR ↗	5222	90	<b>203.6</b>	16.8	5	34.4	1060	7	
Proseed	1790 VT2PRIB ↗	VT2P	90	201.0	16.8	0	32.9	1046	9	
Dahlman	R45-25VT2PRIB ↗	VT2P	90	200.0	16.6	0	32.2	1042	11	
Dairyland	DS-2828AM ↗	AM	88	199.9	16.0	0	34.4	1045	10	
Renk	RK312VT2PRIB ↗	VT2P	90	199.5	15.9	2	33.7	1042	12	
Dairyland	DS-3022AM ↗	AM	90	195.1	16.9	0	33.7	1015	13	
Golden Harvest	G85Z56-3220 EZR ↗	3220	85	193.6	16.6	3	34.4	1009	14	
Latham	LH 3827 VT2P RIB ↗	VT2P	88	192.6	16.3	1	34.0	1005	15	
Innotech	IC3983-3220 ↗	3220	89	190.5	16.1	0	34.0	994	16	
Renk	RK297VT2P ↗	VT2P	89	190.3	16.3	0	34.0	993	17	
Thunder	T6190 VT2P ↗	VT2P	90	187.0	16.3	2	32.2	976	18	
Hefty	H3542 RIB ↗	VT2P	85	185.2	13.7	0	34.4	972	19	
Integra	3629 VT2PRIB ↗	VT2P	86	184.9	14.8	0	33.3	970	20	
Channel	187-20VT2PRIB GC ↗	VT2P	87	184.8	15.1	0	32.2	970	21	
Latham	LH 3695 VT2P RIB ↗	VT2P	86	184.1	15.0	2	33.3	967	22	
Hefty	H4032 RIB ↗	VT2P	90	183.6	16.5	0	32.9	957	23	
Thunder	T6888 VT2P ↗	VT2P	88	182.6	15.8	1	33.7	955	24	
Thunder	T6987 VT2P ↗	VT2P	87	181.3	14.9	0	32.9	952	25	
Golden Harvest	G90Y04-5222A EZR ↗	5222A	90	180.7	18.4	1	33.4	933	27	
REA	2B862 ↗	VT2P	86	179.5	15.6	0	32.9	940	26	
Hefty	H3922 RIB ↗	VT2P	89	178.3	15.6	0	32.2	933	28	
Enestvedt	E878DP RIB ↗	VT2P	87	176.5	15.4	2	32.9	925	29	
Channel	189-64STXRIB GC ↗	STX	89	176.4	17.6	0	33.7	915	30	
Hefty	H3712 RIB ↗	VT2P	87	174.4	15.8	1	33.3	912	31	
DeKalb	DKC41-99RIB CK	VT2P	91	201.7	15.9	0	34.4	1055	8	
				<b>Averages =</b>	<b>187.0</b>	<b>16.0</b>	<b>1</b>	<b>33.4</b>	<b>976</b>	
				<b>LSD (0.10) =</b>	14.8	0.7	ns			
				<b>LSD (0.25) =</b>	7.8	0.3	ns			
				<b>C.V. =</b>	8.7					
									Historic yield: 170.64 bu/a, 3 yr(s)	

Luke Brendemuhl

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**Yield & Income Factors:**

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.25

Report Date: 10/04/2021

† 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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FAIRMOUNT, ND

Rydell Farms, Richland County, ND 58030

**Full-Season Test** 91 - 95 Day CRM  
B2021RRSO03b

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

**PREV. CROP/HERB:** Soybeans / Liberty, Verdict,  
Outlook

**SOIL DESCRIPTION:** Antler-Mustinka silty clay loam,  
mod. poorly drained, non-  
irrigated

**SOIL CONDITION:** Conventional W/ Fall Till, very  
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OM, 22.6 CEC

**PEST MANAGEMENT:** Laudis, Broclean

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**SEEDED - RATE - ROW:** May 6 34.5 /A 30" spacing

**HARVESTED - STAND:** Oct 4 33.6 /A

### TEST COMMENTS:

The plot was planted in dry conditions and paired with a dry start to the season, some varieties had slightly delayed emergence. The surrounding area was well below the 10 year average for rainfall from May through July, with above-average rainfall in the month of August. Above-average heat units helped to have drier corn at harvest this early in October. Minimal stalk lodging was noticed in a few varieties but was not an issue during harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Hefty	H4522 RIB ↗	VT2P	95	<b>225.7</b>	19.2	0	33.3	1161	2	
Rob-See-Co	RC4166-3110A ↗	3110A	91	<b>225.6</b>	18.2	5	34.0	1166	1	
Latham	LH 4454 VT2P RIB ↗	VT2P	94	<b>215.4</b>	19.8	0	33.3	1105	3	
Hefty	H4332 RIB ↗	VT2P	93	<b>212.6</b>	18.5	0	33.7	1098	4	
REA	4B958 ↗	VT2P	95	<b>212.5</b>	19.6	0	33.3	1091	7	
Integra	4509 VT2PRIB ↗	VT2P	95	211.8	18.7	0	33.3	1092	6	
Proseed	1794 VT2PRIB ↗	VT2P	94	211.6	18.5	1	33.3	1093	5	
Dairyland	DS-3550AM ↗	AM	95	211.0	19.6	0	33.7	1083	9	
AgriGold	A625-78VT2RIB GC ↗	VT2P	95	210.8	18.0	0	34.0	1091	8	
Thunder	T6595 VT2P ↗	VT2P	95	210.3	19.6	0	33.3	1080	11	
Dahlman	R47-24VT2PRIB ↗	VT2P	94	209.4	18.2	3	33.7	1082	10	
Latham	LH 4375 VT2P RIB ↗	VT2P	93	208.4	17.7	3	32.9	1080	12	
Rob-See-Co	RC4535-3110 ↗	3110	95	208.2	18.0	0	34.4	1077	13	
Dyna-Gro	D35VC35 ↗	VT2P	95	205.4	17.3	0	33.3	1067	14	
Latham	LH 4242 VT2P RIB ↗	VT2P	92	204.7	18.5	1	32.9	1057	16	
Enestvedt	E612RR ↗	RR2	92	204.1	18.5	2	34.0	1054	17	
Dairyland	DS-3366AM ↗	AM	93	203.7	18.4	0	34.4	1052	19	
REA	4B944 ↗	VT2P	94	203.6	18.1	0	34.0	1053	18	
Renk	RK429-3220A ↗	3220A	93	202.5	18.3	12	32.9	1046	21	
Integra	4311 VT2PRIB ↗	VT2P	93	202.3	17.7	0	34.4	1048	20	
Hefty	H4222 RIB ↗	VT2P	92	200.7	18.1	0	32.9	1038	23	
AgriGold	A621-77VT2RIB GC ↗	VT2P	91	200.2	17.4	0	33.7	1039	22	
Channel	195-85DGV2PRIB GC ↗	VT2P	95	200.1	19.7	1	32.9	1027	24	
Thunder	T6993 VT2P ↗	VT2P	93	198.9	18.5	0	34.0	1027	25	
Latham	LH 4517 VT2P RIB ↗	VT2P	95	198.4	19.2	1	32.9	1021	26	
Dahlman	R48-28VT2PRIB ↗	VT2P	95	196.0	19.4	1	32.9	1008	27	
Thunder	T6992 VT2P ↗	VT2P	92	191.2	17.9	0	34.0	990	28	
Thunder	T6791 VT2P ↗	VT2P	91	190.5	18.2	0	33.7	984	29	
Integra	4119 VT2PRIB ↗	VT2P	91	190.2	18.2	0	33.3	984	30	
Dairyland	DS-3162Q ↗	QR	91	189.1	17.0	0	33.7	984	31	
DeKalb	DKC41-99RIB CK	VT2P	91	203.6	17.0	1	34.0	1059	15	
				<b>Averages =</b>	<b>200.9</b>	<b>18.4</b>	<b>2</b>	<b>33.6</b>	<b>1038</b>	
				<b>LSD (0.10) =</b>	11.5	0.8	3			
				<b>LSD (0.25) =</b>	6.0	0.4	1			
				<b>C.V. =</b>	6.3					
										Historic yield: 170.64 bu/a, 3 yr(s)

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