

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]  
LITCHVILLE, ND  
Mark Formo, Barnes County, ND 58461

**Full-Season Test** 91 - 95 Day CRM  
B2021RRSO01b

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

**PREV. CROP/HERB:** Soybeans / Dicamba

**SOIL DESCRIPTION:** Barnes-Svea loam, well drained,  
non-irrigated

**SOIL CONDITION:** Conventional W/O Fall Till, low P,  
very high K, 7.1 pH, 3.5% OM,  
25.4 CEC

**PEST MANAGEMENT:** Capreno, Roundup

**FERTILITY - Applied N:** 17 Spring, 60 Sidedress

**Applied N-P-K (units):** 77-78-36

**SEDED - RATE - ROW:** May 3 34.5 /A 30" spacing

**HARVESTED - STAND:** Nov 8 32.9 /A

### TEST COMMENTS:

The plot was planted into dry conditions shortly after the surrounding field. This location finished the year above average for rainfall, but July was much drier than normal. Mark said that pollination was stressful for the corn crop, given the hot and dry conditions during that time. Cobs in the plot were large, with some hybrids having 18-20 kernels around. High winds a week before plot harvest caused stalk lodging, but lodged plants were not flat to the ground.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank		
Hefty	H4522 RIB ↗	VT2P	95	<b>261.3</b>	19.9	0	32.9	1353	1		
Renk	RK429-3220A ↗	3220A	93	<b>251.9</b>	19.1	19	32.9	1309	2		
Rob-See-Co	RC4535-3110 ↗	3110	95	<b>251.1</b>	19.1	0	31.8	1305	3		
Channel	195-85DGV2PRIB GC ↗	VT2P	95	<b>250.4</b>	19.2	1	33.3	1301	4		
Dahlman	R47-24VT2PRIB ↗	VT2P	94	<b>244.1</b>	18.5	1	32.9	1273	5		
Latham	LH 4517 VT2P RIB ↗	VT2P	95	<b>241.6</b>	19.2	5	33.3	1255	6		
AgriGold	A625-78VT2RIB GC ↗	VT2P	95	<b>241.5</b>	19.6	0	32.9	1252	7		
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	<b>238.7</b>	18.5	1	33.7	1244	8		
Hefty	H4332 RIB ↗	VT2P	93	236.6	18.1	0	31.9	1235	9		
Renk	RK485DGV2P ↗	VT2PDG	94	234.7	19.8	1	32.9	1216	10		
Thunder	T6993 VT2P ↗	VT2P	93	231.5	18.8	1	33.7	1205	11		
Thunder	T6791 VT2P ↗	VT2P	91	230.9	18.8	0	33.7	1202	12		
Enestvedt	E612RR ↗	RR2	92	227.6	18.8	0	33.7	1185	13		
Integra	4509 VT2PRIB ↗	VT2P	95	226.6	20.0	1	33.7	1173	16		
REA	4B958 ↗	VT2P	95	226.3	18.8	0	32.2	1178	14		
Rob-See-Co	RC4166-3110A ↗	3110A	91	224.7	18.0	3	30.3	1174	15		
Thunder	T6294 VT2P ↗	VT2P	94	223.5	19.4	1	33.7	1160	18		
Latham	LH 4454 VT2P RIB ↗	VT2P	94	222.9	19.3	0	31.8	1157	19		
REA	3B912 ↗	VT2P	91	222.9	17.6	0	34.0	1166	17		
Latham	LH 4242 VT2P RIB ↗	VT2P	92	222.3	18.9	0	31.8	1157	20		
Dairyland	DS-3162Q ↗	QR	91	217.8	18.2	2	32.9	1137	21		
REA	4B933 ↗	VT2P	93	217.3	18.0	0	32.5	1135	22		
Integra	4119 VT2PRIB ↗	VT2P	91	215.8	18.4	1	32.2	1125	23		
Dahlman	R48-28VT2PRIB ↗	VT2P	95	215.4	19.1	6	33.7	1119	25		
Integra	4311 VT2PRIB ↗	VT2P	93	214.8	18.2	1	33.7	1121	24		
REA	4B944 ↗	VT2P	94	214.8	19.0	0	32.5	1117	27		
Latham	LH 4375 VT2P RIB ↗	VT2P	93	214.1	18.1	1	32.4	1118	26		
Stine	9319-10 ↗	3010	93	213.3	18.9	18	33.3	1109	28		
Hefty	H4222 RIB ↗	VT2P	92	211.5	18.4	0	32.9	1103	29		
Proseed	1794 VT2PRIB ↗	VT2P	94	210.6	19.1	0	31.4	1095	30		
DeKalb	DKC41-99RIB CK	VT2P	91	197.6	17.8	0	33.7	1034	40		
				<b>Averages =</b>	<b>222.2</b>	<b>18.7</b>	<b>3</b>	<b>32.9</b>	<b>1158</b>		
				<b>LSD (0.10) =</b>	15.5	0.6	6				
				<b>LSD (0.25) =</b>	8.1	0.3	3				
				<b>C.V. =</b>	7.6						
Luke Brendemuhl										Historic yield: 185.76 bu/a, 4 yr(s)	
luke.brendemuhl@firstseedtests.com, (218) 790-4497											

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.30

Report Date: 11/09/2021

† 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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