

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]
MILNOR, ND
Steve Hogness, Sargent County, ND

Full-Season Test	91 - 95 Day CRM B2021RRSO02b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybeans / Enlist Duo, Liberty
SOIL DESCRIPTION:	Gardena-Glyndon silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Strip-Till, high P, high K, 6.3 pH, 5.3% OM, 20.3 CEC
PEST MANAGEMENT:	Accuron
FERTILITY - Applied N:	11 Fall, 60 Sidedress
Applied N-P-K (units):	71-52-0
SEEDED - RATE - ROW:	May 3 34.5 /A 30" spacing
HARVESTED - STAND:	Oct 17 33.0 /A

TEST COMMENTS:

This plot was planted in strip-till. At planting, there was adequate moisture, but emergence was delayed a week longer than usual due to cold soil conditions. Timely rains, paired with no-till conditions, may have helped this plot through the worst of the dry summer. While harvesting the plot, there was significant lodging noticed among some of the varieties making for a difficult time picking up all the cobs; A pinch test showed weak stalks on those with severe lodging. Steve said the hybrid he planted around the plot did very well, averaging around 230 bpa.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Hefty	H4522 RIB ↗	VT2P	95	253.8	17.8	3	33.7	1302	1	
Rob-See-Co	RC4535-3110 ↗	3110	95	251.4	17.2	2	33.7	1293	2	
Enestvedt	E612RR ↗	RR2	92	248.3	15.5	19	33.4	1288	3	
Latham	LH 4454 VT2P RIB ↗	VT2P	94	245.2	17.3	2	31.8	1261	4	
Thunder	T6791 VT2P ↗	VT2P	91	243.0	16.1	2	32.2	1256	5	
Latham	LH 4517 VT2P RIB ↗	VT2P	95	242.3	17.0	34	32.9	1248	6	
Latham	LH 4375 VT2P RIB ↗	VT2P	93	240.4	16.3	20	34.4	1243	7	
AgriGold	A621-77VT2RIB GC ↗	VT2P	91	239.6	16.3	12	31.8	1238	8	
Pioneer	P9188AMXT GC ↗	AMXT	91	235.9	17.6	0	32.4	1212	9	
Integra	4509 VT2PRIB ↗	VT2P	95	235.3	18.2	2	34.0	1205	12	
Latham	LH 4242 VT2P RIB ↗	VT2P	92	235.0	17.0	10	32.9	1210	10	
Dyna-Gro	D35VC35 ↗	VT2P	95	234.1	16.7	24	33.3	1208	11	
REA	4B958 ↗	VT2P	95	233.8	18.3	0	32.2	1197	14	
REA	4B933 ↗	VT2P	93	233.0	16.1	15	32.5	1205	13	
Hefty	H4332 RIB ↗	VT2P	93	231.6	16.4	0	32.5	1197	15	
Dairyland	DS-3366AM ↗	AM	93	231.4	16.8	8	33.3	1192	16	
Renk	RK429-3220A ↗	3220A	93	230.7	16.5	23	32.2	1191	17	
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	230.1	17.4	23	33.7	1183	19	
REA	4B944 ↗	VT2P	94	229.7	16.5	1	32.5	1186	18	
Channel	195-85DGV2PRIB GC ↗	VT2P	95	228.7	16.8	23	32.9	1179	20	
Dahlman	R48-28VT2PRIB ↗	VT2P	95	228.3	17.2	13	32.5	1174	21	
Integra	4311 VT2PRIB ↗	VT2P	93	226.4	16.4	22	32.5	1170	22	
Hefty	H4132 ↗	VT2P	91	222.8	15.6	9	32.2	1155	23	
AgriGold	A625-78VT2RIB GC ↗	VT2P	95	222.6	16.7	26	33.3	1148	24	
Thunder	T6595 VT2P ↗	VT2P	95	222.1	17.9	0	31.8	1139	26	
Hefty	H4222 RIB ↗	VT2P	92	220.1	17.0	6	32.9	1134	27	
Dairyland	DS-3193AM ↗	AM	91	217.8	16.5	22	33.7	1124	28	
Thunder	T6992 VT2P ↗	VT2P	92	217.6	16.4	12	32.5	1124	29	
Integra	4119 VT2PRIB ↗	VT2P	91	216.7	16.5	22	33.3	1119	30	
Rob-See-Co	RC4166-3110A ↗	3110A	91	216.1	16.2	55	32.9	1117	31	
DeKalb	DKC41-99RIB CK	VT2P	91	221.4	15.9	5	34.4	1146	25	
				Averages =	225.7	16.8	17	33.0	1163	
				LSD (0.10) =	14.0	0.6	13			
				LSD (0.25) =	7.4	0.3	7			
				C.V. =	6.8					
Luke Brendemuhl				Historic yield: 181.87 bu/a, 2 yr(s)						
luke.brendemuhl@firstseedtests.com, (218) 790-4497										

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$5.20

Report Date: 10/19/2021

† 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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