

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

Early-Season Test	85 - 90 Day CRM B2021RRSO02a
Top 30 of 37	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 32.9 /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	
Golden Harvest	G90Y04-5222A EZR ↗	5222A	90	253.3	16.6	9	33.7	1307	1	
Hefty	H4052 ↗	VT2P	90	231.7	15.9	11	32.5	1199	2	
Innotech	IC3983-3220 ↗	3220	89	224.1	16.5	2	34.4	1157	3	
Renk	RK297VT2P ↗	VT2P	89	222.8	15.6	24	33.3	1155	4	
Hefty	H3922 RIB ↗	VT2P	89	222.6	16.2	18	34.0	1151	5	
Rob-See-Co	RC3601-3011A ↗	3011A	86	221.6	16.1	20	32.5	1146	6	
Channel	189-64STXRIB GC ↗	STX	89	219.0	16.7	16	33.7	1129	7	
REA	3B903 ↗	VT2P	90	216.5	15.6	8	32.5	1122	8	
Latham	LH 3827 VT2P RIB ↗	VT2P	88	215.4	15.4	15	32.5	1118	9	
Channel	187-20VT2PRIB GC ↗	VT2P	87	214.6	16.1	4	33.7	1110	10	
Golden Harvest	G90S99-5222 EZR ↗	5222	90	213.8	16.7	4	32.9	1103	11	
Latham	LH 3937 VT2P RIB ↗	VT2P	89	210.1	16.7	13	32.5	1083	12	
Golden Harvest	G85Z56-3220 EZR ↗	3220	85	207.9	15.9	36	32.9	1076	14	
Dairyland	DS-3022AM ↗	AM	90	206.6	17.2	11	32.9	1063	16	
Thunder	T6190 VT2P ↗	VT2P	90	205.6	16.0	11	33.3	1064	15	
Hefty	H3542 RIB ↗	VT2P	85	203.3	15.7	6	33.3	1053	17	
Dairyland	DS-2828AM ↗	AM	88	202.8	16.5	2	32.5	1047	18	
Integra	4041 VT2PRIB ↗	VT2P	90	201.6	16.1	58	32.9	1043	19	
Renk	RK312VT2PRIB ↗	VT2P	90	200.8	15.8	2	32.5	1040	20	
Latham	LH 3695 VT2P RIB ↗	VT2P	86	200.6	15.7	15	33.7	1039	21	
Dahlman	R45-25VT2PRIB ↗	VT2P	90	198.3	15.6	21	32.5	1028	22	
Thunder	T6888 VT2P ↗	VT2P	88	195.3	15.3	35	32.9	1014	23	
AgriGold	A615-64VT2RIB GC ↗	VT2P	85	193.4	14.8	18	32.9	1006	24	
Renk	RK315VT2P ↗	VT2P	90	190.4	15.5	25	32.9	988	25	
Proseed	1790 VT2PRIB ↗	VT2P	90	189.7	16.5	18	32.5	980	26	
Dyna-Gro	D27VC87 ↗	VT2P	87	188.6	16.1	22	32.5	976	27	
Hefty	H3712 RIB ↗	VT2P	87	185.4	15.3	23	32.5	963	28	
Integra	3629 VT2PRIB ↗	VT2P	86	185.0	15.3	24	32.9	961	29	
Thunder	T7188 VT2P ↗	VT2P	88	184.3	15.9	1	33.3	954	30	
Thunder	T6185 VT2P ↗	VT2P	85	178.5	15.7	23	32.5	925	31	
DeKalb	DKC41-99RIB CK	VT2P	91	208.4	15.6	3	33.7	1081	13	
				Averages =	199.8	15.8	18	32.9	1034	
				LSD (0.10) =	15.8	0.5	16			
				LSD (0.25) =	8.3	0.3	9			
				C.V. =	8.7					
Luke Brendemuhl				Historic yield: 181.87 bu/a, 2 yr(s)						
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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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