

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

## 2019 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]  
FAIRMOUNT, ND  
Dick Rydell, Richland County, ND 58030

<b>Full-Season Test</b>	91 - 95 Day CRM B2019RRSO03b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Liberty, Intensity, Verdict
<b>SOIL DESCRIPTION:</b>	Gilby loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very low P, very low K, 7.8 pH, 4.1% OM, 41.7 CEC
<b>PEST MANAGEMENT:</b>	Capreno, Atrazine, Durango
<b>FERTILITY - Applied N:</b>	140 Spring, 7 Planter
<b>Applied N-P-K (units):</b>	147-99-60
<b>SEEDED - RATE - ROW:</b>	May 12 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 17 33.6 /A

### TEST COMMENTS:

*This plot was planted on a well drained tiled field. This site was an estimated 25% wetter than the 10 year average and was colder than average, coming up a little short on heat units. The stand was excellent all summer, but a wet growing season and snow in October contributed to noticeable stalk lodging that made it difficult to pick up some hybrids in the plot. Tricia said that the corn they planted around the plot, that was a few day lengths longer than the top day length of the plot, was running around 24% moisture.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H4222VT2PRIB	VT2P,B	92	<b>171.9</b>	20.6	2	33.3	533	1
LATHAM	EX 4123 3010	3010	91	<b>170.2</b>	19.4	1	33.7	533	2
GOLDEN HARVEST	G95M41-3010	3010	95	<b>169.3</b>	19.7	1	33.7	529	3
HEFTY	H4322VT2PRIB	VT2P,B	93	165.4	20.0	1	33.7	515	4
TITAN PRO	82-95 2P	VT2P,B	95	164.9	20.4	1	34.0	512	5
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	164.3	21.4	1	34.0	506	9
LATHAM	LH4454VT2PRIB	VT2P,B	94	164.1	20.3	1	33.7	510	6
RENK	RK561DGV2P	VT2P,DG	95	163.7	20.2	1	32.9	509	8
HEFTY	H4522VT2PRIB	VT2P,B	95	163.0	21.7	2	33.7	501	12
PROSEED	1794VT2PRIB	VT2P,B	94	161.8	18.4	14	34.0	510	7
RENK	RK433VT2P	VT2P	92	161.7	20.4	1	34.0	502	11
THUNDER	6595 VT2P	VT2P,B	95	160.7	20.3	3	33.7	499	13
NK BRAND	NK9535-3220-EZR	3220,B	95	160.3	19.1	1	33.7	503	10
LATHAM	LH4517VT2PRIB	VT2P,B	95	159.6	20.3	1	32.9	496	15
INTEGRA	4509	VT2P,B	95	159.0	22.2	2	33.7	486	21
HEFTY	H4332VT2P	VT2P	93	159.0	19.1	3	33.7	499	14
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	159.0	20.2	1	32.9	494	16
INTEGRA	4342	VT2P,B	93	157.9	20.5	1	33.7	490	18
DAIRYLAND	DS-7294A	3220	94	157.2	21.4	3	34.4	484	23
MUSTANG	5294VT2PRIB GC	VT2P,B	94	156.8	19.3	2	33.7	491	17
THUNDER	6094 VT2P	VT2P,B	94	156.7	19.6	9	33.3	490	19
DAIRYLAND	DS-3370AM	AM	93	155.7	19.9	7	33.3	486	22
THUNDER	6992 VT2P	VT2P,B	92	155.2	19.1	1	33.3	487	20
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	154.4	19.2	12	33.3	484	24
THUNDER	6791 VT2P	VT2P,B	91	154.3	19.6	4	34.4	482	25
PROSEED	1591VT2PRIB	VT2P,B	91	154.0	19.8	1	34.0	480	26
DAIRYLAND	DS-3518AMXT	AMXT,B	95	153.4	21.5	6	34.0	472	28
ENESTVEDT	E612RR	RR2	92	152.7	19.6	5	34.0	477	27
LATHAM	LH4437VT2PRIB	VT2P,B	94	150.6	19.9	12	33.7	469	30
DYNA-GRO	D35VC35	VT2P	95	150.4	19.6	12	33.7	470	29
DEKALB	DKC40-78RIB CK	VT2P,B	90	141.9	17.6	2	33.3	451	34
				Averages =	<b>154.5</b>	<b>19.8</b>	<b>7</b>	<b>33.6</b>	<b>482</b>
				LSD (0.10) =	13.6	0.7	9		
				LSD (0.25) =	7.1	0.4	5		
				C.V. =	9.7				

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.24