

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]  
WENDELL, MN  
Chad Biss, Grant County, MN 56531

<b>Full-Season Test</b>	91 - 95 Day CRM B2019RRSO04b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Panther, Roundup WM, Select Max, Flexstar GT
<b>SOIL DESCRIPTION:</b>	Formdale clay loam, non- irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, low P, low K, 6.6 pH, 4.9% OM, 25.3 CEC
<b>PEST MANAGEMENT:</b>	Status, Roundup Wm
<b>FERTILITY - Applied N:</b>	105 Spring
<b>Applied N-P-K (units):</b>	105-60-15
<b>SEEDED - RATE - ROW:</b>	May 15 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 15 33.6 /A

### TEST COMMENTS:

*Cold wet conditions delayed planting throughout this area. This location was 23% wetter than the 10 year average, with September and October bringing an estimated 9 inches of rain with some snow as well. There was stalk lodging and root lodging noticed among some of the varieties at harvest, and grain moistures were comparable to the area.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LATHAM	EX 4123 3010	3010	91	<b>192.4</b>	20.3	4	34.0	598	1
TITAN PRO	90-94 2P	VT2P,B	94	<b>190.5</b>	19.7	0	33.7	595	2
NK BRAND	NK9535-3220-EZR	3220,B	95	<b>187.9</b>	19.6	19	33.3	587	3
MUSTANG	5294VT2PRIB GC	VT2P,B	94	<b>186.8</b>	19.4	6	33.3	585	4
RENK	RK561DGVT2P	VT2P,DG	95	185.7	21.1	0	34.0	574	6
ENESTVEDT	E612RR	RR2	92	185.7	20.1	0	32.9	578	5
HEFTY	H4522VT2PRIB	VT2P,B	95	183.2	22.0	0	33.7	562	10
RENK	RK433VT2P	VT2P	92	182.4	20.9	0	32.9	564	8
HEFTY	H4222VT2PRIB	VT2P,B	92	181.3	19.9	0	34.0	565	7
INTEGRA	4119	VT2P,B	91	180.9	20.7	0	34.0	560	12
THUNDER	6992 VT2P	VT2P,B	92	180.4	19.8	1	34.0	563	9
HEFTY	H4332VT2P	VT2P	93	179.8	19.9	0	34.0	561	11
TITAN PRO	82-95 2P	VT2P,B	95	179.1	22.1	2	33.3	549	20
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	179.0	19.8	0	33.7	559	13
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	179.0	19.9	6	33.3	558	14
PIONEER	P9188VT2P GC	VT2P,B	91	178.7	19.7	0	33.7	558	15
PROSEED	1794VT2PRIB	VT2P,B	94	177.7	19.4	0	34.0	556	16
INTEGRA	4509	VT2P,B	95	177.4	21.8	0	33.7	545	22
DAIRYLAND	DS-3550AM	AM	95	177.2	20.4	4	33.3	550	19
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	176.7	20.9	0	33.7	547	21
GOLDEN HARVEST	G95M41-3010	3010	95	176.1	18.3	5	34.0	556	17
PROSEED	1591VT2PRIB	VT2P,B	91	175.4	18.9	0	33.7	551	18
LATHAM	LH4437VT2PRIB	VT2P,B	94	174.3	19.8	2	33.7	544	23
THUNDER	6094 VT2P	VT2P,B	94	174.3	20.2	0	33.7	542	24
DYNA-GRO	D35VC35	VT2P	95	173.2	19.8	0	33.3	540	25
LATHAM	LH4517VT2PRIB	VT2P,B	95	173.0	20.5	2	33.7	537	26
THUNDER	6993 VT2P	VT2P,B	93	171.8	20.3	0	33.7	534	27
HEFTY	H4132VT2P	VT2P	91	171.3	20.2	1	33.3	533	28
LATHAM	LH4375VT2PRIB	VT2P,B	93	170.3	20.0	5	33.3	530	30
DAIRYLAND	DS-7294A	3220	94	170.3	19.8	2	33.7	531	29
DEKALB	DKC40-78RIB CK	VT2P,B	90	162.3	18.1	0	33.3	513	34
				<b>Averages =</b>	<b>175.3</b>	<b>20.2</b>	<b>2</b>	<b>33.6</b>	<b>545</b>
				LSD (0.10) =	11.2	0.8	4		
				LSD (0.25) =	5.9	0.4	2		
				C.V. =	7.0				

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