

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]  
ROTHSAY, MN

Bruce Yaggie, Wilkin County, MN 56520

<b>Full-Season Test</b>	91 - 95 Day CRM B2019RRSO05b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Wheat / Widematch
<b>SOIL DESCRIPTION:</b>	Hamerly loam, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very low P, low K, 8.0 pH, 3.0% OM, 22.6 CEC
<b>PEST MANAGEMENT:</b>	Roundup
<b>FERTILITY - Applied N:</b>	150 Spring
<b>Applied N-P-K (units):</b>	150-90-15
<b>SEEDED - RATE - ROW:</b>	May 15 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 27 33.7 /A

### TEST COMMENTS:

*This plot was planted into excellent field conditions the same day as the surrounding field. The growing season was significantly wetter than the average, and from September up to plot harvest this site was an estimated 200 GDU's below the 10 year average, making for higher grain moistures in fuller season products. Like the rest of the Red River Valley, harvest has been a struggle due to wet conditions, which has kept many out of the fields until the ground has froze up enough to drive over. At harvest, there was stalk lodging noticed in both tests due to late harvest, with some root lodging noticed in the early season products.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
GOLDEN HARVEST	G95M41-3010	3010	95	<b>197.2</b>	23.7	1	33.3	596	1	
ENESTVEDT	E612RR	RR2	92	<b>194.8</b>	23.7	1	32.9	589	2	
DAHLMAN	R48-28VT2PRIB	VT2P,B	95	<b>191.1</b>	24.7	1	33.7	573	3	
THUNDER	6094 VT2P	VT2P,B	94	188.1	22.9	3	34.0	572	4	
HEFTY	H4332VT2P	VT2P	93	185.1	23.9	1	33.7	559	8	
DAHLMAN	R47-26VT2PRIB	VT2P,B	94	184.9	22.6	1	33.3	564	6	
LATHAM	LH4375VT2PRIB	VT2P,B	93	184.5	22.9	1	34.0	561	7	
HEFTY	H4522VT2PRIB	VT2P,B	95	184.4	25.9	1	33.3	547	15	
PROSEED	1794VT2PRIB	VT2P,B	94	184.0	24.1	1	34.0	554	9	
THUNDER	6992 VT2P	VT2P,B	92	184.0	24.3	1	33.3	553	10	
TITAN PRO	82-95 2P	VT2P,B	95	182.6	24.6	1	34.0	548	12	
HEFTY	H4222VT2PRIB	VT2P,B	92	182.4	24.4	2	34.0	548	13	
NK BRAND	NK9535-3220-EZR	3220,B	95	181.7	24.0	1	33.7	548	14	
DYNA-GRO	D35VC35	VT2P	95	181.2	23.1	3	33.7	551	11	
LATHAM	LH4517VT2PRIB	VT2P,B	95	180.8	26.2	1	34.4	535	22	
HEFTY	H4322VT2PRIB	VT2P,B	93	180.0	23.5	2	33.3	545	16	
THUNDER	6791 VT2P	VT2P,B	91	179.5	23.7	1	33.7	542	18	
LATHAM	LH4437VT2PRIB	VT2P,B	94	179.5	25.1	1	33.7	536	20	
INTEGRA	4119	VT2P,B	91	179.3	23.6	1	33.7	543	17	
INTEGRA	4509	VT2P,B	95	178.7	26.7	3	33.3	527	29	
RENK	RK561DGVT2P	VT2P,DG	95	178.3	24.3	2	33.7	536	21	
RENK	RK433VT2P	VT2P	92	177.8	24.2	1	34.0	535	23	
DAIRYLAND	DS-3550AM	AM	95	177.5	23.6	4	33.7	537	19	
LATHAM	LH4454VT2PRIB	VT2P,B	94	177.1	24.7	1	33.7	531	25	
NK BRAND	NK9227-3220A-EZR	3220,A,B	92	176.3	24.8	1	33.3	528	26	
DAIRYLAND	DS-3370AM	AM	93	175.2	23.0	3	34.0	533	24	
PROSEED	1591VT2PRIB	VT2P,B	91	174.1	23.3	5	33.7	528	27	
THUNDER	6595 VT2P	VT2P,B	95	173.9	25.3	1	33.3	518	31	
MUSTANG	5294VT2PRIB GC	VT2P,B	94	173.6	23.0	3	33.3	528	28	
GOLDEN HARVEST	G91V51-3110A	3110,A	91	172.2	23.0	9	34.4	523	30	
DEKALB	DKC40-78RIB CK	VT2P,B	90	185.5	21.3	1	33.7	572	5	
				<b>Averages =</b>	<b>177.3</b>	<b>23.9</b>	<b>2</b>	<b>33.7</b>	<b>535</b>	
				LSD (0.10) =	12.0	1.1	ns			
				LSD (0.25) =	6.3	0.6	ns			
				C.V. =	7.4					

Luke Brendemuhl

luke.brendemuhl@firstseedtests.com, (218) 790-4497

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

Report Date: 12/02/2019

† 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

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