

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]

WENDELL, MN

Chad Biss, Grant County, MN 56531

Early-Season Test 85 - 90 Day CRM
B2021RRSO04a

Top 30 of 37 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Roundup

SOIL DESCRIPTION: Aazdahl-Hamerly-Parnell clay loam, mod. well drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, low P, medium K, 6.8 pH, 4.7% OM, 23.4 CEC

PEST MANAGEMENT: Harness

FERTILITY - Applied N: 170 Spring

Applied N-P-K (units): 170-60-40

SEEDED - RATE - ROW: May 6 34.5 /A 30" spacing

HARVESTED - STAND: Nov 2 32.5 /A

TEST COMMENTS:

The growing season was drier than average, with May through July being well below the 10 year average for precipitation. Small, but timely rains helped the plot through the worst of the dry spell, and normal rainfall in the month of August helped this field yield well. Chad said that there was a wide range in yields throughout the area; lighter ground faired worse than heavier soils. Some hybrids had minimal stalk lodging at harvest, which was most likely caused by very high winds a week before harvest.

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	249.1	18.0	3	32.2	1424	1
Dairyland	DS-2828AM ↗	AM	88	236.6	16.8	0	32.2	1360	2
Latham	LH 3827 VT2P RIB ↗	VT2P	88	233.6	16.2	0	32.9	1346	3
Latham	LH 3937 VT2P RIB ↗	VT2P	89	230.1	16.7	0	32.2	1322	4
Rob-See-Co	RC3601-3011A ↗	3011A	86	230.0	16.9	0	33.3	1320	5
Dairyland	DS-3022AM ↗	AM	90	228.8	17.2	0	32.9	1312	6
Thunder	T6888 VT2P ↗	VT2P	88	227.4	16.3	0	33.3	1309	7
Channel	189-64STXRIB GC ↗	STX	89	227.3	16.6	0	32.5	1307	8
Integra	4041 VT2PRIB ↗	VT2P	90	225.0	16.2	0	32.5	1296	9
Renk	RK297VT2P ↗	VT2P	89	221.4	16.4	0	31.8	1274	11
REA	3B903 ↗	VT2P	90	220.2	15.8	0	32.9	1271	12
Dyna-Gro	D27VC87 ↗	VT2P	87	216.6	16.1	0	31.0	1248	13
Innotech	IC3983-3220 ↗	3220	89	216.2	16.4	3	33.7	1244	14
Hefty	H3712 RIB ↗	VT2P	87	215.8	16.7	1	33.3	1240	16
Integra	3629 VT2PRIB ↗	VT2P	86	215.6	16.1	0	32.5	1243	15
Hefty	H4052 ↗	VT2P	90	214.1	16.8	0	34.0	1230	17
Enestvedt	E878DP RIB ↗	VT2P	87	212.9	16.0	0	32.2	1227	18
Proseed	1790 VT2PRIB ↗	VT2P	90	212.4	16.5	0	31.4	1222	19
REA	2B862 ↗	VT2P	86	210.5	15.9	0	32.5	1213	20
Golden Harvest	G85Z56-3220 EZR ↗	3220	85	210.1	16.2	4	33.7	1210	21
Golden Harvest	G90S99-5222 EZR ↗	5222	90	210.1	16.3	13	33.3	1210	22
Renk	RK312VT2PRIB ↗	VT2P	90	210.0	16.3	0	32.2	1209	23
Renk	RK315VT2P ↗	VT2P	90	209.5	16.2	0	32.5	1206	24
Latham	LH 3695 VT2P RIB ↗	VT2P	86	209.1	16.3	1	32.9	1204	25
Channel	187-20VT2PRIB GC ↗	VT2P	87	208.8	16.2	0	31.0	1203	26
AgriGold	A615-64VT2RIB GC ↗	VT2P	85	208.5	16.3	0	32.9	1200	27
Dahlman	R45-25VT2PRIB ↗	VT2P	90	208.3	16.5	0	31.4	1198	28
Thunder	T6987 VT2P ↗	VT2P	87	206.2	15.7	1	32.9	1190	29
Hefty	H3922 RIB ↗	VT2P	89	204.1	16.2	0	31.0	1175	30
Hefty	H3542 RIB ↗	VT2P	85	203.1	15.9	0	33.3	1171	31
DeKalb	DKC41-99RIB CK	VT2P	91	221.7	16.1	0	33.3	1278	10

Averages = **213.9** **16.3** **1** **32.5** **1229**

LSD (0.10) = 12.2 0.4 2

LSD (0.25) = 6.4 0.2 1

C.V. = 6.2

Historic yield: 179.86 bu/a, 3 yr(s)

Luke Brendemuhl

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$5.79

Report Date: 11/03/2021

† 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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2021 Corn Grain Top 30 Harvest Report

Red River South North Dakota & Minnesota [RRSO]

WENDELL, MN

Chad Biss, Grant County, MN 56531

Full-Season Test 91 - 95 Day CRM
B2021RRSO04b

Top 30 of 40 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybeans / Roundup

SOIL DESCRIPTION: Aazdahl-Hamerly-Parnell clay loam, mod. well drained, non-irrigated

SOIL CONDITION: Conventional W/ Fall Till, low P, medium K, 6.8 pH, 4.7% OM, 23.4 CEC

PEST MANAGEMENT: Harness

FERTILITY - Applied N: 170 Spring

Applied N-P-K (units): 170-60-40

SEEDED - RATE - ROW: May 6 34.5 /A 30" spacing

HARVESTED - STAND: Nov 2 32.9 /A

TEST COMMENTS:

The growing season was drier than average, with May through July being well below the 10 year average for precipitation. Small, but timely rains helped the plot through the worst of the dry spell, and normal rainfall in the month of August helped this field yield well. Chad said that there was a wide range in yields throughout the area; lighter ground faired worse than heavier soils. Some hybrids had minimal stalk lodging at harvest, which was most likely caused by very high winds a week before harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank		
Rob-See-Co	RC4166-3110A ↗	3110A	91	221.1	16.9	2	32.9	1270	1		
Latham	LH 4517 VT2P RIB ↗	VT2P	95	220.4	17.6	0	32.5	1262	4		
Renk	RK429-3220A ↗	3220A	93	220.3	17.0	2	34.0	1264	2		
Dyna-Gro	D35VC35 ↗	VT2P	95	220.0	16.9	0	32.5	1263	3		
Enestvedt	E612RR ↗	RR2	92	218.5	16.7	0	33.7	1256	5		
Thunder	T6993 VT2P ↗	VT2P	93	215.8	17.7	0	32.2	1235	6		
Thunder	T6294 VT2P ↗	VT2P	94	215.2	17.1	1	31.4	1235	7		
Dairyland	DS-3550AM ↗	AM	95	214.2	18.0	0	32.9	1224	10		
Dairyland	DS-3366AM ↗	AM	93	214.1	17.5	0	33.3	1226	8		
Latham	LH 4242 VT2P RIB ↗	VT2P	92	213.7	17.7	0	33.3	1223	11		
REA	4B933 ↗	VT2P	93	213.1	16.4	0	33.3	1226	9		
REA	4B958 ↗	VT2P	95	210.5	18.5	0	32.9	1200	13		
Latham	LH 4454 VT2P RIB ↗	VT2P	94	210.1	18.0	0	32.5	1201	12		
Golden Harvest	G91V51-5222A EZR ↗	5222A	91	209.4	17.8	1	32.2	1198	14		
Thunder	T6992 VT2P ↗	VT2P	92	209.0	17.3	0	33.3	1198	15		
Hefty	H4522 RIB ↗	VT2P	95	208.8	18.0	0	31.8	1193	17		
Dahlman	R47-24VT2PRIB ↗	VT2P	94	208.6	17.4	1	32.5	1195	16		
AgriGold	A625-78VT2RIB GC ↗	VT2P	95	208.0	17.1	0	33.7	1193	18		
Integra	4119 VT2PRIB ↗	VT2P	91	207.5	16.9	0	32.2	1192	19		
Dairyland	DS-3193AM ↗	AM	91	206.9	17.4	0	32.9	1186	20		
Integra	4509 VT2PRIB ↗	VT2P	95	206.9	18.5	0	32.2	1180	22		
Renk	RK485DGV2P ↗	VT2PDG	94	205.7	17.0	1	32.9	1181	21		
Dairyland	DS-3162Q ↗	QR	91	204.4	16.8	0	33.7	1174	23		
Hefty	H4222 RIB ↗	VT2P	92	203.7	17.0	0	32.5	1169	24		
Thunder	T6595 VT2P ↗	VT2P	95	202.7	17.2	0	31.8	1163	25		
Rob-See-Co	RC4535-3110 ↗	3110	95	202.3	17.0	1	32.5	1161	26		
Hefty	H4132 ↗	VT2P	91	202.1	16.9	0	32.5	1160	27		
Dahlman	R48-28VT2PRIB ↗	VT2P	95	201.5	17.5	0	33.7	1154	28		
REA	4B944 ↗	VT2P	94	200.9	17.5	0	34.0	1151	29		
Thunder	T6791 VT2P ↗	VT2P	91	200.3	16.7	0	32.5	1151	30		
DeKalb	DKC41-99RIB CK	VT2P	91	175.8	16.6	0	32.5	1011	40		
				Averages =	204.8	17.2	0	32.9	1174		
				LSD (0.10) =	13.8	0.6	1				
				LSD (0.25) =	7.2	0.3	0				
				C.V. =	7.4						
Luke Brendemuhl										Historic yield: 179.86 bu/a, 3 yr(s)	
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