

# 2013 Corn Grain Top 30 Harvest Report

Red River Valley [ RDRV ] COLFAX  
 Brandon Kub, Richland County, ND 58051



Test by: MNS Seed Testing, LLC, New Richland, MN

PREV. CROP/HERB: Sugarbeet / Roundup  
 SOIL DESCRIPTION: Wyndmere sandy loam, mod. poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7.7 pH, 3% OM  
 PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine  
 FERTILITY - Applied N: 140 Spring  
 Applied N-P-K (units): 140-40-60  
 SEEDING - RATE - ROW: May 28 32,000 /A 30" spacing  
 HARVESTED - STAND: Nov 1 29,300 /A

## Early-Season Test

85 - 90 Day CRM  
 B2013RDRV16a

## Top 30 of 53

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	84-75R2P	VT2P,B	AC,P5V	84	<b>208.4</b>	22.9	1	31.2	897	1
Dairyland	DS7085	GT/CB/LL	CM,C2	85	<b>200.7</b>	24.4	1	30.5	856	2
Prairie Brand	851RA	STX,B	CM,C1	87	195.3	27.4	1	31.2	818	4
Rea	3A901-RIB	STX,B	AC,P5V	90	194.9	28.0	1	29.8	814	7
AgVenture/Scherr	GL2708AB	GT/CB/LL	P5	87	194.2	25.5	1	23.3	823	3
Channel	189-03VT2PRIB	VT2P,B	AC,P5V	89	194.0	27.0	1	31.2	815	5
Seeds 2000	8801VT2PRIB	VT2P,B	AC,P2	88	191.6	25.3	1	32.0	813	8
Gold Country	91-45RSS	STX,B	AC,P5V	91	190.9	29.4	1	26.1	790	14
Latham	LH3397VT2PRORIB G	VT2P,B	AC,P5V	83	189.0	22.6	1	31.2	815	6
Dyna-Gro	D26VP56	VT3P	AC,P5V	86	189.0	24.6	1	29.8	805	9
Wensman	W 8097VT2RIB	VT2P,B	AC,P2	88	188.6	27.3	1	29.0	791	12
Proseed	PX85BV2PRIB	VT2P,B	AC,P2	85	187.3	23.5	1	27.6	803	10
Mustang	2285GENVT2P	VT2P	AC,P2	85	187.1	25.9	1	27.6	791	13
Proseed	1288-3111	3111	CM,C2	88	186.8	26.8	1	31.9	785	15
NuTech	5B-888	GT/CB/LL	MQ,C2	88	185.9	24.5	1	30.5	792	11
Rea	3B330-RIB	VT2P,B	AC,P2	90	184.8	26.4	1	31.9	779	17
Latham	LH3647VT2PRORIB G	VT2P,B	AC,P5V	86	183.8	25.2	1	32.0	780	16
LG Seeds	LG5408STX	STX	AC,P5V	90	181.5	30.1	1	25.4	748	22
Proseed	1287GT3000	3000GT	CM,C2	87	179.9	24.7	1	29.1	766	18
Seeds 2000	9001VP3220	3220,B	CM,C2	90	179.7	27.2	1	29.1	754	19
Latham	LH4098VT3PRORIB G	VT3P,B	AC,P2	90	177.7	28.0	1	26.1	742	23
Prairie Brand	920GT3	3000GT	CM,C1	90	175.6	24.4	1	29.1	749	21
Dairyland	DS9487RA	STX,B	CM,C2	87	175.6	26.7	1	33.4	739	25
Hyland	8202RA	STX,B	CM,C2	85	174.7	25.3	1	28.3	741	24
NuTech	5B-186	GT/CB/LL	MQ,C2	86	174.4	27.3	1	28.3	731	30
Dairyland	DS7985	GT/CB/LL	CM,C2	86	174.2	26.6	1	29.8	733	29
Wensman	W 8085VT2RIB	VT2P,B	AC,P2	84	173.9	22.3	1	29.0	751	20
Stine	9201VT3Pro	VT3P	AC,P2	86	173.6	25.1	1	29.8	737	27
Prairie Brand	892RA	STX,B	CM,C1	89	173.6	25.9	1	24.0	734	28
Rea	3B890-RIB	VT2P,B	AC,P5V	89	170.5	23.7	1	30.5	730	31
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	175.4	26.4	1	18.9	739	26

first.tolly@gmail.com, (507) 456 2357

Test Average = **175.1**    **25.9**    **1**    **29.3**    **740**  
 LSD (0.10) = 25.6    2.9    4  
 C.V. = 8.7    6.7

Yield & Income Factors:    Base Moisture = 15.0%    Shrink = 1.3    Drying = \$0.025    Price =  $\frac{\$4.50}{n/a}$     Local GMO non-GMO

**Test Comments:** *The ground remained saturated into May forcing us to plant later than desired. Within a week of planting, we had a heavy rain which contributed to a population loss in the early-season test and loss of one replication. In early July, plants were yellow and uneven in height. It looked like we might lose the test. Fortunately, the season had a strong finish and yields came in better than anticipated.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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 SOIL DESCRIPTION: Wyndmere sandy loam, mod. poor drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7.7 pH, 3% OM  
 PEST MANAGEMENT: Force, Roundup, Laudis, Atrazine  
 FERTILITY - Applied N: 140 Spring  
 Applied N-P-K (units): 140-40-60  
 SEEDED - RATE - ROW: May 28 32,000 /A 30" spacing  
 HARVESTED - STAND: Nov 1 30,000 /A

**Full-Season Test**  
**91 - 94 Day CRM**  
 B2013RDRV16b

**Top 30 of 54**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Proseed	PX92RVT3P	VT3P	AC,P2	92	<b>204.3</b>	29.9	1	31.5	843	3
Channel	192-08VT2PRIB	VT2P,B	AC,P5V	92	<b>203.8</b>	28.2	1	30.5	850	2
Gold Country	94-29R2P	VT2P,B	AC,P2	94	203.4	26.9	1	30.5	855	1
NuTech/G2 Gen	5X-795	HXT,RR2	MQ,C2	94	201.4	28.5	1	31.0	838	4
Proseed	PX93BVT2PRIB	VT2P,B	AC,P2	93	199.4	27.4	1	28.1	835	5
Viking	VS92-110	VT2P,B	AC,P2	92	198.8	30.8	1	31.0	816	9
Renk	RK522SSTX	STX	AC,P2	94	197.9	31.1	1	31.5	811	12
Mustang	3291GENVT2P	VT2P	AC,P2	90	197.6	29.0	1	31.0	820	7
Rea	4B941-RIB	VT2P,B	AC,P2	94	197.4	30.4	1	30.5	812	11
Wensman	W 8184VT2RIB	VT2P,B	AC,P2	95	196.4	32.5	1	31.0	798	15
Dyna-Gro	D34VC52	VT2P	AC,P5V	94	196.2	32.3	1	30.5	798	16
Seeds 2000	9504VT3P	VT3P	AC,P2	94	195.9	27.6	1	28.0	820	8
Rea	4B285-RIB	VT2P,B	AC,P5V	93	195.0	29.5	1	30.5	807	13
Titan Pro	2M91-2P	VT2P,B	AC,P2,Z	91	193.7	27.1	1	28.5	813	10
LG Seeds	LG2414VT3PRIB	VT3P,B	AC,P5V	91	193.5	29.8	1	28.6	799	14
Producers	5144VT3PRIB	VT3P,B	AC,P5V	91	193.4	30.1	1	31.0	797	19
Gold Country	91-30RSS	STX,B	AC,P5V	91	193.1	30.4	1	29.5	795	20
NuTech	5B-290	GT/CB/LL	MQ,C2	91	193.0	23.4	1	28.5	828	6
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	191.5	30.2	1	28.0	789	26
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	191.3	29.9	1	32.4	790	24
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94	190.9	27.8	1	32.4	798	17
Wensman	W 7110VT3PRIB	VT3P,B	AC,P2	90	190.7	29.9	1	31.0	787	28
Channel	195-58STXRIB	STX,B	AC,P5V	95	190.2	30.4	1	31.4	783	29
Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95	190.0	26.9	1	29.5	798	18
Renk	RK492SSTX	STX,B	AC,P5V	92	189.0	28.0	1	28.5	789	27
Seeds 2000	9202VT2PRIB	VT2P,B	CM,C2	92	188.7	27.0	1	28.1	793	21
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	188.7	27.0	1	30.0	793	22
Mustang	3893GENSS	STX,B	AC,P5V	93	188.4	27.3	1	30.5	790	25
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	187.8	26.0	1	31.9	793	23
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93	187.7	28.4	1	30.0	782	30
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	183.7	28.0	1	27.6	767	38

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Test Average = **187.0** 29.1 1 30.0 775  
 LSD (0.10) = 16.5 1.8 2  
 C.V. = 6.5 4.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.50 Local GMO  
 n/a non-GMO

**Test Comments:** *The ground remained saturated into May forcing us to plant later than desired. Within a week of planting, we had a heavy rain which contributed to a population loss in the early-season test and loss of one replication. In early July, plants were yellow and uneven in height. It looked like we might lose the test. Fortunately, the season had a strong finish and yields came in better than anticipated.*

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2013 Corn Grain - Red River Valley [ RDRV ]



**Early-Season Test Products (53 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	GL2708AB	GT/CB/LL	P5	87	Titan Pro	6886 GC	RR2	AC,P2	86
AgVenture/Scherr	GL4132ABW	3000GT	P5	90	Titan Pro	TP 32-86	VT2P	AC,P2,Z	86
Channel	186-31VT2PRIB	VT2P,B	AC,P5V	86	Viking	VS85-572	VT2P,B	AC,P2	85
Channel	189-03VT2PRIB	VT2P,B	AC,P5V	89	Viking	VS88-116	VT2P,B	AC,P2	88
Dairyland	DS7085	GT/CB/LL	CM,C2	85	Wensman	W 60851RR	RR2	AC,P2	85
Dairyland	DS7985	GT/CB/LL	CM,C2	86	Wensman	W 8085VT2RIB	VT2P,B	AC,P2	84
Dairyland	DS9487RA	STX,B	CM,C2	87	Wensman	W 8097VT2RIB	VT2P,B	AC,P2	88
Dyna-Gro	CX29SS30	STX	AC,P5V	89	Wensman	W 90904STX	STX	AC,P2	89
Dyna-Gro	D24VC44	VT2P	AC,P5V	85					
Dyna-Gro	D26VP56	VT3P	AC,P5V	86					
Gold Country	84-75R2P	VT2P,B	AC,P5V	84					
Gold Country	85-39R3P	VT3P,B	AC,P2	85					
Gold Country	90-26R2P	VT2P,B	AC,P5V	90					
Gold Country	91-45RSS	STX,B	AC,P5V	91					
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94					
Hyland	8202RA	STX,B	CM,C2	85					
Hyland	8295RA	STX,B	CM,C2	88					
Latham	LH3397VT2PRORIB G	VT2P,B	AC,P5V	83					
Latham	LH3647VT2PRORIB G	VT2P,B	AC,P5V	86					
Latham	LH4098VT3PRORIB G	VT3P,B	AC,P2	90					
LG Seeds	LG5408STX	STX	AC,P5V	90					
Mustang	2285GENVT2P	VT2P	AC,P2	85					
Mustang	2686GENVT3P	VT3P	AC,P2	86					
NuTech	5B-186	GT/CB/LL	MQ,C2	86					
NuTech	5B-888	GT/CB/LL	MQ,C2	88					
Prairie Brand	821GTCB	GT/CB/LL	CM,C2	85					
Prairie Brand	851RA	STX,B	CM,C1	87					
Prairie Brand	892RA	STX,B	CM,C1	89					
Prairie Brand	920GT3	3000GT	CM,C1	90					
Proseed	1286VT3PRIB	VT3P,B	AC,P2	86					
Proseed	1287GT3000	3000GT	CM,C2	87					
Proseed	1288-3111	3111	CM,C2	88					
Proseed	PX85BVT2PRIB	VT2P,B	AC,P2	85					
Rea	3A901-RIB	STX,B	AC,P5V	90					
Rea	3B266-RIB	VT2P,B	AC,P2	89					
Rea	3B330-RIB	VT2P,B	AC,P2	90					
Rea	3B890-RIB	VT2P,B	AC,P5V	89					
Renk	RK266VT3P	VT3P	AC,P2	85					
Renk	RK290GTCBLLRW	3000GT	CE,C2	86					
Renk	RK302GTCBLLHXBL	3220,B	CE,C2	88					
Seeds 2000	2852GTCBLL	GT/CB/LL	CM,C2	85					
Seeds 2000	8701VT2P	VT2P	AC,P2	87					
Seeds 2000	8801VT2PRIB	VT2P,B	AC,P2	88					
Seeds 2000	9001VP3220	3220,B	CM,C2	90					
Stine	9201VT3Pro	VT3P	AC,P2	86					

2013 Corn Grain - Red River Valley [ RDRV ]



**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	VPmx RL4406YHB^	OI	P5	94	Titan Pro	92A90GLV	3220,B	CM,C2,Z	91
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	Titan Pro	93A94	3000GT	CM,C2,Z	94
Anderson	689VT3P GC	VT3P	CE,C2	95	Viking	VS91-591	VT2P,B	AC,P2	91
Channel	192-08VT2PRIB	VT2P,B	AC,P5V	92	Viking	VS92-110	VT2P,B	AC,P2	92
Channel	195-58STXRIB	STX,B	AC,P5V	95	Viking	VS94-571	VT2P,B	AC,P2	94
Dairyland	DS9093	3122	CM,C2	93	Wensman	W 7110VT3PRIB	VT3P,B	AC,P2	90
Dairyland	DS9791RA	STX,B	CM,C2	92	Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95
Dyna-Gro	CX32VP56	VT3P	P5V	92	Wensman	W 8184VT2RIB	VT2P,B	AC,P2	95
Dyna-Gro	D31SS31	STX	AC,P5V	91	Wensman	W 90935VT3PRO	VT3P	AC,P2	93
Dyna-Gro	D34VC52	VT2P	AC,P5V	94					
Gold Country	91-30RSS	STX,B	AC,P5V	91					
Gold Country	93-07RSS	STX,B	AC,P5V	93					
Gold Country	94-29R2P	VT2P,B	AC,P2	94					
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94					
Hyland	3395	RR2	CM,C2	94					
Hyland	8300RA	STX,B	CM,C2	91					
Hyland	8315RA	STX,B	CM,C2	92					
Kruger	K4R-9593	STX,B	AC,P5V	93					
LG Seeds	LG2414VT3PRIB	VT3P,B	AC,P5V	91					
Mustang	3291GENVT2P	VT2P	AC,P2	90					
Mustang	3893GENSS	STX,B	AC,P5V	93					
NuTech	5B-290	GT/CB/LL	MQ,C2	91					
NuTech	5N-9404	3000GT	MQ,C2	94					
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93					
NuTech/G2 Gen	5X-795	HXT,RR2	MQ,C2	94					
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94					
NuTech/G2 Gen	5Z-091	OI	MQ,P1V,R	91					
Producers	5144VT3PRIB	VT3P,B	AC,P5V	91					
Proseed	1191SSRIB	STX,B	AC,P2	91					
Proseed	PX92RVT3P	VT3P	AC,P2	92					
Proseed	PX93BVT2PRIB	VT2P,B	AC,P2	93					
Rea	3A921-RIB	STX,B	AC,P5V	92					
Rea	3A929-RIB	STX,B	AC,P5V	92					
Rea	4B285-RIB	VT2P,B	AC,P5V	93					
Rea	4B941-RIB	VT2P,B	AC,P2	94					
Renk	RK492SSTX	STX,B	AC,P5V	92					
Renk	RK522SSTX	STX	AC,P2	94					
Seeds 2000	9202VT2PRIB	VT2P,B	CM,C2	92					
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94					
Seeds 2000	9504VT3P	VT3P	AC,P2	94					
Stine	9208VT3Pro	VT3P	AC,P2	91					
Stine	9209VT3Pro	VT3P	AC,P2	91					
Stine	R9311VT3Pro	VT3P,B	AC,P2	93					
Titan Pro	2M91-2P	VT2P,B	AC,P2,Z	91					
Titan Pro	2M93-SS	STX,B	AC,P2,Z	93					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

\*\* Seed treatments may include unspecified plant health promoting components.