

# 2013 Corn Grain Top 30 Harvest Report

Red River Valley [ RDRV ] ELBOW LAKE  
Chad Biss, Grant County, MN 56531



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

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Formdale clay loam, well drained, conventional w/ fall till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 7.7 pH, 3% OM  
PEST MANAGEMENT: Force, Roundup WeatherMax, Status  
FERTILITY - Applied N: 155 Fall  
Applied N-P-K (units): 155-75-40  
SEEDED - RATE - ROW: May 11 32,000 /A 30" spacing  
HARVESTED - STAND: Nov 3 30,300 /A

## Early-Season Test

85 - 90 Day CRM  
B2013RDRV14a

## Top 30 of 53

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
Channel	189-03VT2PRIB	VT2P,B	AC,P5V	89	197.5	15.7	1	30.5	885	1
Gold Country	91-45RSS	STX,B	AC,P5V	91	194.8	17.1	1	29.5	866	2
Seeds 2000	9001VP3220	3220,B	CM,C2	90	191.4	16.4	1	32.9	855	3
LG Seeds	LG5408STX	STX	AC,P5V	90	188.5	16.5	1	31.4	841	5
Renk	RK302GTCCBLLHXBL	3220,B	CE,C2	88	188.4	15.3	1	31.0	846	4
Dyna-Gro	CX29SS30	STX	AC,P5V	89	187.2	16.0	1	32.4	838	7
Wensman	W 90904STX	STX	AC,P2	89	187.0	15.2	1	25.2	841	6
Gold Country	85-39R3P	VT3P,B	AC,P2	85	186.1	16.1	1	30.0	832	8
Latham	LH3647VT2PRORIB G	VT2P,B	AC,P5V	86	185.7	16.6	1	31.4	828	9
Channel	186-31VT2PRIB	VT2P,B	AC,P5V	86	184.4	15.9	1	28.1	826	10
Seeds 2000	8701VT2P	VT2P	AC,P2	87	184.4	17.2	1	30.9	820	13
Titan Pro	TP 32-86	VT2P	AC,P2,Z	86	183.8	17.2	1	30.0	817	15
Wensman	W 8085VT2RIB	VT2P,B	AC,P2	84	183.4	15.8	1	27.1	822	11
Prairie Brand	851RA	STX,B	CM,C1	87	183.4	16.0	1	30.0	821	12
AgVenture/Scherr	GL4132ABW	3000GT	P5	90	182.3	15.3	5	32.4	819	14
Viking	VS88-116	VT2P,B	AC,P2	88	182.1	16.6	1	31.0	812	16
Hyland	8295RA	STX,B	CM,C2	88	181.6	17.7	1	30.5	805	20
Wensman	W 60851RR	RR2	AC,P2	85	180.8	15.8	1	31.4	810	17
Renk	RK266VT3P	VT3P	AC,P2	85	180.5	16.1	1	31.4	807	18
Prairie Brand	920GT3	3000GT	CM,C1	90	180.5	16.8	1	28.5	804	21
Dairyland	DS7085	GT/CB/LL	CM,C2	85	180.1	16.0	1	32.9	806	19
Prairie Brand	892RA	STX,B	CM,C1	89	179.8	16.4	4	29.5	803	22
Rea	3B890-RIB	VT2P,B	AC,P5V	89	179.8	16.8	1	30.5	801	24
Mustang	2686GENVT3P	VT3P	AC,P2	86	179.5	16.1	1	30.9	803	23
Rea	3B330-RIB	VT2P,B	AC,P2	90	178.0	16.3	1	30.0	795	25
Prairie Brand	821GTGB	GT/CB/LL	CM,C2	85	176.5	16.0	1	31.9	790	28
Gold Country	84-75R2P	VT2P,B	AC,P5V	84	176.4	15.2	1	31.5	793	26
Dairyland	DS7985	GT/CB/LL	CM,C2	86	176.4	15.7	2	30.9	791	27
NuTech	5B-186	GT/CB/LL	MQ,C2	86	176.0	16.1	2	30.5	787	29
Latham	LH4098VT3PRORIB G	VT3P,B	AC,P2	90	175.7	15.8	1	30.9	787	30
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	173.7	16.9	1	29.0	773	37

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

Test Average = **176.3** **16.1** **1** **30.3** **788**  
LSD (0.10) = 19.2 1.1 ns  
C.V. = 8.0 5.2

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

**Test Comments:** *When we planted this site, you could still see snow in the farmer's grove. The tests looked good all year, weed-free and well drained, resulting in a uniform crop appearance this fall. Stalk health was good with no crop lodging issues to hinder the harvest process. Area grain moistures have varied with soil type, averaging in the low 20s. Grain moistures here were drier, due in part to good soil drainage.*

† 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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PEST MANAGEMENT: Force, Roundup WeatherMax, Status  
FERTILITY - Applied N: 155 Fall  
Applied N-P-K (units): 155-75-40  
SEEDED - RATE - ROW: May 11 32,000 /A 30" spacing  
HARVESTED - STAND: Nov 3 30,000 /A

**Full-Season Test**  
**91 - 94 Day CRM**  
B2013RDRV14b

**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
Gold Country	93-07RSS	STX,B	AC,P5V	93	<b>214.6</b>	18.7	1	30.0	946	1
Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95	<b>207.1</b>	17.1	1	29.0	921	2
Channel	195-58STXRIB	STX,B	AC,P5V	95	<b>206.1</b>	17.2	1	31.4	916	3
Dyna-Gro	D34VC52	VT2P	AC,P5V	94	204.1	18.6	1	29.5	900	4
Wensman	W 8184VT2RIB	VT2P,B	AC,P2	95	202.6	19.0	1	30.5	891	7
Dyna-Gro	CX32VP56	VT3P	P5V	92	201.9	18.0	1	29.0	893	5
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	200.6	16.9	1	30.5	893	6
Renk	RK522SSTX	STX	AC,P2	94	200.6	17.4	1	32.9	891	8
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	199.5	16.5	1	31.9	890	9
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94	194.5	16.8	1	27.6	866	11
Proseed	PX93BV2PRIB	VT2P,B	AC,P2	93	194.3	17.2	1	30.0	864	12
Mustang	3291GENVT2P	VT2P	AC,P2	90	194.2	16.2	1	30.0	868	10
Titan Pro	2M93-SS	STX,B	AC,P2,Z	93	193.9	19.9	1	30.0	849	17
Titan Pro	92A90GLV	3220,B	CM,C2,Z	91	193.0	16.0	1	29.5	864	13
Hyland	8315RA	STX,B	CM,C2	92	192.2	17.9	2	30.5	851	16
Rea	4B941-RIB	VT2P,B	AC,P2	94	191.8	18.0	1	32.4	849	18
Kruger	K4R-9593	STX,B	AC,P5V	93	191.8	18.5	1	31.5	846	20
Channel	192-08VT2PRIB	VT2P,B	AC,P5V	92	191.6	18.3	1	30.5	846	21
Seeds 2000	9202VT2PRIB	VT2P,B	CM,C2	92	191.5	16.2	1	30.0	856	14
Mustang	3893GENSS	STX,B	AC,P5V	93	190.4	17.9	1	30.5	843	22
Proseed	1191SSRIB	STX,B	AC,P2	91	190.2	16.7	1	29.0	848	19
NuTech	5B-290	GT/CB/LL	MQ,C2	91	190.0	15.5	1	29.5	853	15
Seeds 2000	9504VT3P	VT3P	AC,P2	94	189.7	17.4	1	30.5	842	23
Proseed	PX92RVT3P	VT3P	AC,P2	92	189.6	18.1	1	28.1	839	26
Stine	9209VT3Pro	VT3P	AC,P2	91	189.5	18.2	1	31.9	838	27
Stine	9208VT3Pro	VT3P	AC,P2	91	188.5	16.4	1	29.5	842	24
Titan Pro	2M91-2P	VT2P,B	AC,P2,Z	91	188.2	16.4	1	31.0	840	25
Hyland	8300RA	STX,B	CM,C2	91	188.1	17.0	1	33.4	837	28
Dairyland	DS9791RA	STX,B	CM,C2	92	187.9	17.3	1	29.5	835	30
Rea	4B285-RIB	VT2P,B	AC,P5V	93	187.2	16.3	1	30.5	836	29
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	171.0	16.6	1	27.6	763	50

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Test Average = **186.9** **17.3** **1** **30.0** **830**  
LSD (0.10) = 18.7 1.2 ns  
C.V. = 7.4 5.2

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

**Test Comments:** *When we planted this site, you could still see snow in the farmer's grove. The tests looked good all year, weed-free and well drained, resulting in a uniform crop appearance this fall. Stalk health was good with no crop lodging issues to hinder the harvest process. Area grain moistures have varied with soil type, averaging in the low 20s. Grain moistures here were drier, due in part to good soil drainage.*

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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	1286VT3P	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.