

2013 Corn Grain Top 30 Harvest Report

Red River Valley [RDRV] GWINNER
 Todd Larson, Sargent County, ND 58060



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

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Forman loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 7.8 pH, 3.5% OM
 PEST MANAGEMENT: Force, Callisto Xtra, Roundup
 FERTILITY - Applied N: 117 Spring
 Applied N-P-K (units): 117-65-13
 SEEDED - RATE - ROW: May 10 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 31 29,700 /A

Early-Season Test

85 - 90 Day CRM
 B2013RDRV17a

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
Dyna-Gro	CX29SS30	STX	AC,P5V	89	205.1	17.6	9	32.0	910	1
Channel	186-31VT2PRIB	VT2P,B	AC,P5V	86	194.0	17.2	3	31.2	862	2
Dyna-Gro	D26VP56	VT3P	AC,P5V	86	190.5	17.1	1	30.5	847	3
Hyland	8202RA	STX,B	CM,C2	85	186.4	17.9	1	31.9	825	4
Dairyland	DS7985	GT/CB/LL	CM,C2	86	183.8	17.0	9	27.6	818	5
LG Seeds	LG5408STX	STX	AC,P5V	90	181.9	17.3	3	32.7	808	6
AgVenture/Scherr	GL4132ABW	3000GT	P5	90	180.2	21.5	10	29.1	782	9
NuTech	5B-186	GT/CB/LL	MQ,C2	86	178.2	17.6	1	31.2	790	7
Wensman	W 8085VT2RIB	VT2P,B	AC,P2	84	177.2	16.8	3	26.9	789	8
Wensman	W 60851RR	RR2	AC,P2	85	174.1	17.7	3	29.8	772	10
Rea	3B330-RIB	VT2P,B	AC,P2	90	173.2	18.1	4	29.8	766	11
Prairie Brand	851RA	STX,B	CM,C1	87	169.7	17.2	1	28.3	754	12
Dairyland	DS9487RA	STX,B	CM,C2	87	167.4	16.6	1	29.8	747	13
AgVenture/Scherr	GL2708AB	GT/CB/LL	P5	87	166.8	17.2	3	26.9	741	16
Seeds 2000	8801VT2PRIB	VT2P,B	AC,P2	88	165.9	15.7	4	29.0	744	15
Renk	RK266VT3P	VT3P	AC,P2	85	163.6	16.6	3	29.8	730	17
Prairie Brand	821GTCTB	GT/CB/LL	CM,C2	85	161.8	16.7	4	31.2	721	18
Rea	3B266-RIB	VT2P,B	AC,P2	89	157.2	18.9	7	24.7	692	20
Proseed	1287GT3000	3000GT	CM,C2	87	156.6	15.4	3	29.0	703	19
Seeds 2000	8701VT2P	VT2P	AC,P2	87	155.1	16.9	3	31.2	691	22
Mustang	2686GENVT3P	VT3P	AC,P2	86	154.8	16.3	4	28.3	692	21
Proseed	1288-3111	3111	CM,C2	88	153.0	16.1	13	30.5	684	23
Wensman	W 8097VT2RIB	VT2P,B	AC,P2	88	152.5	18.0	4	31.2	675	25
Titan Pro	TP 32-86	VT2P	AC,P2,Z	86	152.1	17.3	3	32.7	676	24
Dairyland	DS7085	GT/CB/LL	CM,C2	85	151.1	16.8	3	30.5	673	26
Stine	9201VT3Pro	VT3P	AC,P2	86	150.3	16.8	9	29.8	670	27
Latham	LH4098VT3PRORIB G	VT3P,B	AC,P2	90	149.5	16.2	1	30.5	668	28
Proseed	PX85BV2PRIB	VT2P,B	AC,P2	85	147.8	17.2	1	30.5	657	29
Gold Country	84-75R2P	VT2P,B	AC,P5V	84	147.3	16.5	3	30.5	657	30
Wensman	W 90904STX	STX	AC,P2	89	145.5	15.1	1	30.5	654	31
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	171.6	21.0	4	26.9	746	14

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Test Average = **153.5** 17.0 4 29.7 683
 LSD (0.10) = 31.0 2.5 6
 C.V. = 12.0 8.9

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

Test Comments: This site had some heavy rains after planting. Plants in portions of the test turned yellow and had uneven heights in early July. We had a bit of a rebound and by August plants had more uniform heights and looked better. At harvest, there was some stalk lodging in portions of the test. A three inch rainfall in October slowed harvest progress in the area and grain moisture remains around 20%.

† 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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Report date: 11/3/2013 Revised:

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 SOIL DESCRIPTION: Forman loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 7.8 pH, 3.5% OM
 PEST MANAGEMENT: Force, Callisto Xtra, Roundup
 FERTILITY - Applied N: 117 Spring
 Applied N-P-K (units): 117-65-13
 SEEDING - RATE - ROW: May 10 32,000 /A 30" spacing
 HARVESTED - STAND: Oct 31 30,200 /A

Full-Season Test
91 - 94 Day CRM
 B2013RDRV17b

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
Channel	195-58STXRIB	STX,B	AC,P5V	95	186.4	17.8	2	30.9	826	1
Proseed	PX93BV2PRIB	VT2P,B	AC,P2	93	182.2	18.0	1	31.4	806	2
Seeds 2000	9202VT2PRIB	VT2P,B	CM,C2	92	174.6	17.0	2	30.5	777	3
Rea	4B941-RIB	VT2P,B	AC,P2	94	174.1	17.5	7	31.4	773	5
Seeds 2000	9504VT3P	VT3P	AC,P2	94	174.0	16.7	2	31.4	776	4
Renk	RK522SSTX	STX	AC,P2	94	173.4	17.8	5	29.5	768	6
Dairyland	DS9791RA	STX,B	CM,C2	92	171.8	17.3	2	30.0	763	8
Titan Pro	2M93-SS	STX,B	AC,P2,Z	93	171.3	21.3	31	29.5	744	14
NuTech/G2 Gen	5X-795	HXT,RR2	MQ,C2	94	171.2	18.1	10	30.0	757	11
NuTech	5B-290	GT/CB/LL	MQ,C2	91	171.1	16.4	10	30.5	764	7
Gold Country	94-29R2P	VT2P,B	AC,P2	94	171.1	18.0	3	30.0	757	12
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93	171.0	17.6	9	30.0	758	9
Wensman	W 7110VT3PRIB	VT3P,B	AC,P2	90	170.0	16.6	1	31.4	758	10
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	168.2	17.7	6	31.0	746	13
Titan Pro	93A94	3000GT	CM,C2,Z	94	167.0	17.5	5	31.4	741	15
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94	166.3	17.3	18	29.5	739	16
Dyna-Gro	D34VC52	VT2P	AC,P5V	94	165.4	18.7	6	30.0	729	17
NuTech	5N-9404	3000GT	MQ,C2	94	165.1	20.8	20	26.6	719	19
Kruger	K4R-9593	STX,B	AC,P5V	93	164.5	20.5	4	30.5	718	22
Dairyland	DS9093	3122	CM,C2	93	163.6	19.3	11	30.0	719	20
Rea	4B285-RIB	VT2P,B	AC,P5V	93	162.3	16.9	6	30.5	723	18
Gold Country	93-07RSS	STX,B	AC,P5V	93	162.0	19.1	6	30.5	712	25
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	161.2	16.7	2	31.4	719	21
Dyna-Gro	CX32VP56	VT3P	P5V	92	160.7	17.3	1	29.0	714	24
Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95	159.9	16.1	1	31.0	715	23
Mustang	3291GENVT2P	VT2P	AC,P2	90	158.6	15.8	1	30.5	711	26
Viking	VS92-110	VT2P,B	AC,P2	92	157.7	17.1	2	31.9	701	28
Dyna-Gro	D31SS31	STX	AC,P5V	91	157.3	16.1	6	30.0	704	27
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	156.6	15.9	1	30.5	701	29
Anderson	689VT3P GC	VT3P	CE,C2	95	155.3	17.0	2	30.0	691	30
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	137.5	18.0	3	28.1	608	48

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Test Average = **156.2** **17.4** **5** **30.2** **693**
 LSD (0.10) = 22.6 1.4 10
 C.V. = 10.7 5.9

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

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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.