

2013 Corn Grain Top 30 Harvest Report
 Red River Valley [RDRV] CASSELTON
 Harvey McIntyre / Pyle Farms, Cass County, ND 58012



PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Fargo silty clay, poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, high K, 7.7 pH, 3% OM
 PEST MANAGEMENT: Force, Cornerstone, Class Act
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-40-5
 SEEDED - RATE - ROW: May 24 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 30,300 /A

Early-Season Test
85 - 90 Day CRM
 B2013RDRV15a

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
Stine	9201VT3Pro	VT3P	AC,P2	86	187.2	22.9	1	25.2	805	1
Latham	LH4098VT3PRORIB G	VT3P,B	AC,P2	90	186.2	25.2	2	30.0	790	2
Dairyland	DS9487RA	STX,B	CM,C2	87	184.8	24.0	1	30.0	790	3
Rea	3B330-RIB	VT2P,B	AC,P2	90	182.3	24.1	1	31.0	779	4
Hyland	8202RA	STX,B	CM,C2	85	182.3	24.9	1	32.9	775	5
Prairie Brand	851RA	STX,B	CM,C1	87	181.3	25.3	1	31.9	769	6
Gold Country	91-45RSS	STX,B	AC,P5V	91	177.5	23.9	2	31.9	759	10
Rea	3A901-RIB	STX,B	AC,P5V	90	177.4	24.2	3	31.0	757	13
Seeds 2000	9001VP3220	3220,B	CM,C2	90	177.4	25.1	9	30.0	754	14
Wensman	W 8097VT2RIB	VT2P,B	AC,P2	88	176.8	24.5	1	31.0	754	15
Channel	186-31VT2PRIB	VT2P,B	AC,P5V	86	176.2	21.1	1	29.5	766	8
Channel	189-03VT2PRIB	VT2P,B	AC,P5V	89	176.0	22.7	1	31.0	758	11
Gold Country	84-75R2P	VT2P,B	AC,P5V	84	175.9	20.1	1	30.5	769	7
Prairie Brand	920GT3	3000GT	CM,C1	90	174.9	26.0	19	28.1	739	21
Rea	3B890-RIB	VT2P,B	AC,P5V	89	174.7	21.4	1	31.0	758	12
Dyna-Gro	CX29SS30	STX	AC,P5V	89	174.5	23.4	1	31.4	749	18
Renk	RK266VT3P	VT3P	AC,P2	85	174.1	22.4	1	31.4	751	16
Viking	VS85-572	VT2P,B	AC,P2	85	173.8	22.9	1	24.2	748	19
NuTech	5B-888	GT/CB/LL	MQ,C2	88	173.7	22.0	1	30.5	751	17
Wensman	W 90904STX	STX	AC,P2	89	172.7	24.0	1	31.4	738	22
Proseed	1287GT3000	3000GT	CM,C2	87	171.5	21.1	1	30.5	746	20
Hyland	8295RA	STX,B	CM,C2	88	171.0	24.0	4	30.9	731	24
Mustang	2285GENVT2P	VT2P	AC,P2	85	170.7	22.5	1	31.9	736	23
Renk	RK302GTCBLLHXBL	3220,B	CE,C2	88	169.7	25.2	12	30.0	720	30
Seeds 2000	8701VT2P	VT2P	AC,P2	87	169.5	15.6	1	30.0	760	9
Gold Country	85-39R3P	VT3P,B	AC,P2	85	169.0	22.2	1	30.9	730	25
Gold Country	90-26R2P	VT2P,B	AC,P5V	90	167.9	22.6	1	30.0	724	27
Seeds 2000	2852GTCBLL	GT/CB/LL	CM,C2	85	166.9	21.4	7	29.5	724	28
Titan Pro	6886 GC	RR2	AC,P2	86	166.8	20.9	1	29.0	726	26
NuTech	5B-186	GT/CB/LL	MQ,C2	86	166.4	21.6	4	31.0	721	29
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	153.6	26.2	3	29.0	648	51

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Test Average = **168.0** **22.7** **2** **30.3** **723**
 LSD (0.10) = 14.8 3.1 4
 C.V. = 6.5 10.0

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: *Heavy rains just as the corn was emerging damaged some plots as some ponding occurred. The test needed some heat and dry weather in early July as corn plants had uneven heights. The slow start helped contribute to high grain moistures at harvest. Plant heights at harvest is around 6 to 7 feet. These tests really came back and produced good yields despite a rough start.*

† 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: Fargo silty clay, poor drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: Mod. High P, high K, 7.7 pH, 3% OM
 PEST MANAGEMENT: Force, Cornerstone, Class Act
 FERTILITY - Applied N: 120 Fall
 Applied N-P-K (units): 120-40-5
 SEEDED - RATE - ROW: May 24 32,000 /A 30" spacing
 HARVESTED - STAND: Nov 2 30,000 /A

Full-Season Test
91 - 94 Day CRM
 B2013RDRV15b

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
NuTech	5B-290	GT/CB/LL	MQ,C2	91	189.7	26.4	2	31.9	800	1
Proseed	PX92RVT3P	VT3P	AC,P2	92	187.8	32.9	1	30.5	761	6
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	186.2	27.7	1	29.0	779	2
Stine	9209VT3Pro	VT3P	AC,P2	91	186.2	31.0	1	31.9	763	5
Seeds 2000	9503VT2PRIB	VT2P,B	AC,P2	94	184.9	29.3	2	27.1	766	4
Viking	VS92-110	VT2P,B	AC,P2	92	184.7	32.3	1	30.5	751	9
Seeds 2000	9504VT3P	VT3P	AC,P2	94	184.4	30.0	1	31.9	761	7
Proseed	PX93BVT2PRIB	VT2P,B	AC,P2	93	183.6	26.0	1	31.0	776	3
Renk	RK522SSTX	STX	AC,P2	94	182.0	32.0	1	30.0	742	11
NuTech/G2 Gen	5Z-091	OI	MQ,P1V,R	91	179.6	26.9	1	31.0	755	8
Wensman	W 80952VT2RIB	VT2P,B	AC,P2	95	179.4	29.4	1	31.9	743	10
Channel	192-08VT2PRIB	VT2P,B	AC,P5V	92	178.8	30.9	2	29.5	734	12
Titan Pro	2M91-2P	VT2P,B	AC,P2,Z	91	176.1	31.0	1	29.5	722	16
NuTech/G2 Gen	5X-193	HXT,RR2	MQ,C2	93	175.5	28.0	1	25.2	733	13
Kruger	K4R-9593	STX,B	AC,P5V	93	175.4	30.4	1	26.6	722	17
Dyna-Gro	D31SS31	STX	AC,P5V	91	174.8	29.8	1	31.5	722	18
Proseed	1191SSRIB	STX,B	AC,P2	91	174.3	30.9	1	29.0	715	21
Viking	VS91-591	VT2P,B	AC,P2	91	174.1	27.1	1	29.5	731	14
AgVenture/Scherr	VPmx RL4492HBW^	HXT,RR2	P5	92	174.0	28.8	1	31.9	723	15
Mustang	3893GENSS	STX,B	AC,P5V	93	173.4	30.4	2	29.5	714	22
Rea	4B285-RIB	VT2P,B	AC,P5V	93	173.1	29.1	1	32.4	718	20
AgVenture/Scherr	VPmx RL4406YHB^	OI	P5	94	171.3	26.9	4	29.0	720	19
Titan Pro	93A94	3000GT	CM,C2,Z	94	170.9	29.1	2	27.1	709	23
Viking	VS94-571	VT2P,B	AC,P2	94	170.8	33.1	2	27.1	691	25
Anderson	689VT3P GC	VT3P	CE,C2	95	170.0	31.5	4	30.5	695	24
Rea	4B941-RIB	VT2P,B	AC,P2	94	168.7	31.4	1	31.0	690	26
Wensman	W 8184VT2RIB	VT2P,B	AC,P2	95	168.6	32.8	1	31.4	684	28
Stine	9208VT3Pro	VT3P	AC,P2	91	167.4	30.7	1	27.6	688	27
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	165.3	29.9	1	32.4	682	30
Wensman	W 90935VT3PRO	VT3P	AC,P2	93	165.0	29.2	1	31.9	684	29
Golden Harvest	G94R16-3000GT CK	3000GT	CM,C2	94	159.1	28.7	2	30.5	661	41

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Test Average = **168.2** **30.3** **2** **30.0** **693**
 LSD (0.10) = 19.9 2.9 2
 C.V. = 8.7 7.0

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

Test Comments: Heavy rains just as the corn was emerging damaged some plots as some ponding occurred. The test needed some heat and dry weather in early July as corn plants had uneven heights. The slow start helped contribute to high grain moistures at harvest. Plant heights at harvest is around 6 to 7 feet. These tests really came back and produced good yields despite a rough start.

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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.