

2014 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / 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, Capreno, atrazine
FERTILITY - Applied N: 140 Spring
Applied N-P-K (units): 140-40-60
SEEDED - RATE - ROW: May 24 35,000 /A 30" spacing
HARVESTED - STAND: Nov 7 34,500 /A

Early-Season Test
85 - 90 Day CRM
B2014RRSO15a

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
Wensman	W 8097VT2RIB	VT2P,B	AC,P5V	88	178.9	18.7	1	35.8	520	2
LG Seeds	LG5408VT2PRIB	VT2P,B	AC,P5V	90	178.2	17.6	1	35.3	523	1
Dyna-Gro	D29VC30	VT2P	AC,P5V	89	178.0	18.2	1	34.8	520	3
Dyna-Gro	D25VC66	VT2P	AC,P5V	85	175.2	18.9	2	34.8	509	5
Prairie Brand	920GT3	3000GT	CM,C2	90	174.4	17.2	5	34.8	514	4
Titan Pro	TP 38-90 3220EZ	3220,B	CM,C2	90	173.0	18.6	1	34.8	503	8
ProSeed	990-3000GT	3000GT	CM,C2	90	172.8	17.6	2	34.8	507	7
Thunder	4990RR	RR2	AC,P2	90	172.0	18.0	2	33.4	503	9
Wensman	W 80903VT2RIB	VT2P,B	AC,P5V	90	171.5	16.6	1	34.8	508	6
REA	3B330-RIB	VT2P,B	AC,P5V	90	170.0	19.7	2	32.9	490	13
Thunder	6987VT2PRIB	VT2P,B	AC,P2	87	168.8	17.6	2	34.3	495	11
Channel	187-42VT2PRIB	VT2P,B	AC,P5V	87	167.9	18.6	1	35.3	489	14
Terning Seeds	TS8198VIP3110	3110	CM,C2	90	167.5	16.6	1	33.4	496	10
Latham	LH3818VT3PRORIB	VT3P,B	AC,P2	88	167.2	18.0	2	34.4	489	15
Hyland	8295RA	STX,B	CM,C2	88	166.9	19.0	1	33.4	484	18
AgVenture/Scherr	GL4132ABW	3000GT	MQ,P5	90	166.7	20.6	1	34.8	477	21
ProSeed	1385VT2PRIB	VT2P,B	AC,P2	85	165.5	16.9	1	32.9	489	16
Renk	RK302GTCBLLRWBL	3111	CM,C2	88	165.0	16.6	6	36.3	488	17
REA	3A901-RIB	STX,B	AC,P5V	90	165.0	20.0	1	34.3	474	23
Dyna-Gro	D27VC76	VT2P	AC,P5V	87	164.7	20.3	2	35.8	472	25
Latham	LH3427GTCBLL	GT/CB/LL	CM,C2	84	164.6	15.1	1	34.8	493	12
REA	3A377-RIB	STX,B	AC,P5V	89	164.0	18.5	1	36.3	478	20
Renk	RK299VT2P	VT2P	AC,P2	89	163.8	17.9	1	35.3	480	19
Latham	LH4097VT2PRORIB	VT2P,B	AC,P2	90	163.7	19.4	1	34.3	473	24
Channel	190-13VT2PRIB	VT2P,B	AC,P5V	90	163.2	19.2	2	34.3	472	26
Peterson	75K85VT2PRORIB	VT2P,B	AC,P2	85	162.9	18.1	2	30.5	476	22
NuTech	5B-290	GT/CB/LL	MQ,P5V	90	162.4	19.1	4	34.3	471	27
Renk	RK231GT	GT	CM,C2	82	160.2	18.4	1	34.3	467	28
Thunder	6385VT2PRIB	VT2P,B	AC,P2	85	159.0	18.1	1	33.4	465	29
King	3880GT	GT	CM,C2	88	157.0	16.7	1	32.9	464	30
Gold Country	92-48RSS CK	STX,B	AC,P5V	92	154.5	21.3	1	31.9	439	37

Mark Tollefson

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Test Average = **158.6** 18.4 2 34.5 462

LSD (0.10) = 21.4 1.4 3

LSD (0.25) = 14.9 1.0 2

C.V. = 9.9 5.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.00}{\$3.00}$ Local GMO non-GMO

Test Comments: *Planting dates in the area were later than ideal due to saturated soils. Plenty of rain early with June rainfall amounting to 6.76 inches, 3.1 inches above the 30-year average. This was a nice looking test site this fall with a fairly uniform stand corn across both tests with plant heights around 7 feet tall. The stalks were tough and sturdy at harvest so the lodging scores are very low.*

† 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

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 SOIL CONDITION: High P, high K, 7.7 pH, 3% OM
 PEST MANAGEMENT: Force, Capreno, atrazine
 FERTILITY - Applied N: 140 Spring
 Applied N-P-K (units): 140-40-60
 SEEDED - RATE - ROW: May 24 35,000 /A 30" spacing
 HARVESTED - STAND: Nov 7 34,600 /A

Full-Season Test
91 - 94 Day CRM
 B2014RRSO15b

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
Wensman	W 90941STX	STX	AC,P5V	94	194.2	18.7	1	35.3	565	1
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92	191.4	20.7	1	34.8	547	2
Dyna-Gro	D32VC56	VT2P	AC,P5V	92	188.4	20.6	3	34.3	539	4
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91	188.1	21.0	1	35.8	536	5
Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93	186.2	21.8	1	35.8	527	8
Mustang	3291GENVT2P GC	VT2P,B	AC,P2V	91	183.1	17.0	1	36.3	540	3
Federal	4440VT3PRIB	VT3P,B	AC,P2	94	183.0	20.0	1	34.3	526	10
REA	3A929-RIB	STX,B	AC,P5V	92	182.6	19.5	1	34.8	527	9
Dyna-Gro	D34VC52RIB	VT2P,B	AC,P2	94	182.0	20.6	1	34.8	521	11
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91	181.0	17.8	2	31.9	530	6
Federal	4130VT2PRIB	VT2P,B	AC,P2	91	180.8	18.1	1	34.4	528	7
Federal	4540VT2P	VT2P	CM,C2	95	180.1	21.3	1	35.8	512	17
NuTech/G2 Gen	5D-091^	AMX,B	MQ,P5V	91	180.0	19.9	1	33.8	518	14
Federal	4520VT2PRIB	VT2P,B	AC,P2	95	178.7	19.9	1	33.8	514	15
AgVenture/Scherr	VPmx RL4616HBW^	HX,RR2	MQ,P5	94	178.4	18.3	1	34.3	520	13
Thunder	4391VT2PRIB	VT2P,B	AC,P2	91	177.6	17.6	1	35.3	521	12
REA	3B922-RIB	VT2P,B	AC,P5V	92	175.9	18.3	1	34.3	513	16
Nuseed	9504VT3PRIB	VT3P,B	AC,P2	95	175.7	19.5	1	34.3	507	20
Viking	VS94-571	VT2P,B	AC,P2	94	175.1	20.2	2	34.4	503	23
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94	175.0	18.5	1	34.8	510	19
Dairyland	DS9791RA	STX,B	CM,C2	91	174.0	20.4	1	34.3	499	26
LG Seeds	LG5415STX	STX	AC,P5V	93	173.3	19.4	1	35.3	501	25
Nuseed	9304VT2P	VT2P	AC,P2	93	173.2	20.7	1	34.8	495	30
Nuseed	9001VP3220	3220,B	CM,C2	90	172.9	16.7	2	35.8	511	18
Viking	VS91-591	VT2P,B	AC,P2	91	172.8	18.3	1	34.3	504	21
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94	172.6	18.2	1	35.3	504	22
REA	4B285-RIB	VT2P,B	AC,P5V	93	172.5	19.9	1	36.3	496	28
Wensman	W 90935STXRIB	STX,B	AC,P5V	93	171.6	19.1	2	34.3	497	27
Titan Pro	2M91-2P	VT2P,B	AC,P2	91	171.2	17.8	1	34.8	502	24
AgVenture/Scherr	VPmx RL5015YHBW^	OIX	MQ,P5	94	169.3	17.9	1	34.8	496	29
Gold Country	92-48RSS CK	STX,B	AC,P5V	92	166.6	19.7	1	34.8	480	41

Test Average = **171.9** **19.3** **1** **34.6** **497**

LSD (0.10) = 17.1 1.1 ns

LSD (0.25) = 11.9 0.8 ns

C.V. = 7.3 4.3

Mark Tollefson

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Early-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
AgVenture/Scherr	GL2932AB	GT/CB/LL	MQ,P5	85	Thunder	6987VT2PRIB	VT2P,B	AC,P2	87
AgVenture/Scherr	GL2949AB	GT/CB/LL	MQ,P5	84	Thunder	7188VT2PRIB	VT2P,B	AC,P2	88
AgVenture/Scherr	GL4132ABW	3000GT	MQ,P5	90	Titan Pro	TP 32-86 RR2	RR2	AC,P2	86
Channel	187-42VT2PRIB	VT2P,B	AC,P5V	87	Titan Pro	TP 38-90 3220EZ	3220,B	CM,C2	90
Channel	190-13VT2PRIB	VT2P,B	AC,P5V	90	Viking	VS88-116	VT2P,B	AC,P2	88
Dairyland	DS7085	GT/CB/LL	CM,C2	85	Wensman	W 80866VT2RIB	VT2P,B	AC,P5V	86
Dairyland	DS9487RA	STX,B	CM,C2	87	Wensman	W 80903VT2RIB	VT2P,B	AC,P5V	90
Dyna-Gro	D25VC66	VT2P	AC,P5V	85	Wensman	W 8097VT2RIB	VT2P,B	AC,P5V	88
Dyna-Gro	D27VC76	VT2P	AC,P5V	87	Wensman	W 90881STX	STX	AC,P5V	88
Dyna-Gro	D29VC30	VT2P	AC,P5V	89					
Federal	3540VT2P	VT2P	AC,P2	85					
Gold Country	90-26R2P	VT2P,B	AC,P5V	90					
Gold Country	92-48RSS CK	STX,B	AC,P5V	92					
Hyland	8202RA	STX,B	CM,C2	89					
Hyland	8295RA	STX,B	CM,C2	88					
King	3880GT	GT	CM,C2	88					
Latham	LH3427GTCBLL	GT/CB/LL	CM,C2	84					
Latham	LH3647VT2PRORIB	VT2P,B	AC,P2	86					
Latham	LH3818VT3PRORIB	VT3P,B	AC,P2	88					
Latham	LH4097VT2PRORIB	VT2P,B	AC,P2	90					
LG Seeds	LG5408VT2PRIB	VT2P,B	AC,P5V	90					
Nuseed	8504VT2P	VT2P	AC,P2	85					
Nuseed	8701VT2PRIB	VT2P,B	AC,P2	87					
NuTech	5B-290	GT/CB/LL	MQ,P5V	90					
NuTech	5N-186	3000GT	MQ,P5V	86					
Peterson	75K85VT2PRORIB	VT2P,B	AC,P2	85					
Prairie Brand	821GTCB	GT/CB/LL	CM,C2	85					
Prairie Brand	851RA	STX,B	CM,C2	87					
Prairie Brand	920GT3	3000GT	CM,C2	90					
ProSeed	1288-3111	3111	CM,C2	88					
ProSeed	1385VT2PRIB	VT2P,B	AC,P2	85					
ProSeed	990-3000GT	3000GT	CM,C2	90					
ProSeed	PX85VT2PRIB	VT2P,B	AC,P2	85					
REA	3A377-RIB	STX,B	AC,P5V	89					
REA	3A901-RIB	STX,B	AC,P5V	90					
REA	3B330-RIB	VT2P,B	AC,P5V	90					
REA	3B890-RIB	VT2P,B	AC,P5V	89					
Renk	RK231GT	GT	CM,C2	82					
Renk	RK266VT3P	VT3P,B	AC,P2	85					
Renk	RK299VT2P	VT2P	AC,P2	89					
Renk	RK302GTCBLLRWBL	3111	CM,C2	88					
Rob-See-Co	Innotech IC3591^	3110A	AVC,C5	85					
Termin Seeds	TS8198VIP3110	3110	CM,C2	90					
Thunder	4990RR	RR2	AC,P2	90					
Thunder	6385VT2PRIB	VT2P,B	AC,P2	85					

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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 RL4616HBW [^]	HX,RR2	MQ,P5	94	Thunder	7993VT2PRIB	VT2P,B	AC,P2	93
AgVenture/Scherr	VPmx RL5015YHBW [^]	OIX	MQ,P5	94	Titan Pro	2M91-2P	VT2P,B	AC,P2	91
Dahlman	R47-35VT3PRIB GC	VT3P,B	AC,P2	94	Titan Pro	TP 48-93 2P	VT2P,B	AC,P2	93
Dairyland	DS9093	3122	CM,C2	93	Viking	VS91-591	VT2P,B	AC,P2	91
Dairyland	DS9694RA	STX,B	CM,C2	94	Viking	VS92-110	VT2P,B	AC,P2	92
Dairyland	DS9791RA	STX,B	CM,C2	91	Viking	VS94-571	VT2P,B	AC,P2	94
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94	Wensman	W 90910STXRIB	STX,B	AC,P5V	91
Dyna-Gro	D32VC56	VT2P	AC,P5V	92	Wensman	W 90935STXRIB	STX,B	AC,P5V	93
Dyna-Gro	D34VC52RIB	VT2P,B	AC,P2	94	Wensman	W 90941STX	STX	AC,P5V	94
Federal	4130VT2PRIB	VT2P,B	AC,P2	91					
Federal	4440VT3PRIB	VT3P,B	AC,P2	94					
Federal	4520VT2PRIB	VT2P,B	AC,P2	95					
Federal	4540VT2P	VT2P	CM,C2	95					
Gold Country	92-13R2P	VT2P,B	AC,P5V	92					
Gold Country	92-48RSS CK	STX,B	AC,P5V	92					
Gold Country	93-07RSS GC	STX,B	AC,P5V	93					
Gold Country	94-19RSS	STX,B	AC,P5V	94					
Hyland	3395	RR2	CM,C2	94					
Hyland	8315RA	STX,B	CM,C2	92					
Latham	LH4004-3000GT	3000GT	CM,C2	90					
Latham	LH4098VT3PRORIB	VT3P,B	AC,P2	90					
Latham	LH4242VT2PRORIB	VT2P,B	AC,P5V	92					
Latham	LH4455VT3PRORIB	VT3P,B	AC,P2	94					
LG Seeds	LG5415STX	STX	AC,P5V	93					
Mustang	3291GENVT2P GC	VT2P,B	AC,P2V	91					
Mustang	3893GENSS GC	STX,B	AC,P5V	93					
Nuseed	9001VP3220	3220,B	CM,C2	90					
Nuseed	9304VT2P	VT2P	AC,P2	93					
Nuseed	9504VT3PRIB	VT3P,B	AC,P2	95					
NuTech/G2 Gen	5D-091 [^]	AMX,B	MQ,P5V	91					
NuTech/G2 Gen	5F-091 [^]	AM,B	MQ,P5V	91					
NuTech/G2 Gen	5X-894 [^]	HXT,RR2	MQ,P5V	94					
ProSeed	1191VT2PRIB	VT2P,B	AC,P2	91					
ProSeed	1193VT3PRIB	VT3P,B	AC,P2	93					
ProSeed	1292VT2PRIB	VT2P,B	AC,P2	92					
ProSeed	1393VT2PRIB	VT2P,B	AC,P2	93					
REA	3A929-RIB	STX,B	AC,P5V	92					
REA	3B922-RIB	VT2P,B	AC,P5V	92					
REA	4A942-RIB	STX,B	AC,P5V	94					
REA	4B285-RIB	VT2P,B	AC,P5V	93					
Renk	RK492SSTX	STX,B	AC,P2	93					
Renk	RK522SSTX	STX,B	AC,P2	94					
Rob-See-Co	Innotech IC4286 [^]	3220,B	CM,C2	92					
Terning Seeds	TS8199VT2P	VT2P	CM,C2	91					
Thunder	4391VT2PRIB	VT2P,B	AC,P2	91					

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 FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIsect® (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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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