

# 2013 Corn Grain Top 30 Harvest Report

Minnesota West Central [ MNWC ] CLINTON  
 Doug Nelson, Big Stone County, MN 56225



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Fram-Svea silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.9 pH, 3.8% OM  
 PEST MANAGEMENT: Force, Harness, Roundup  
 FERTILITY - Applied N: 150 Spring  
 Applied N-P-K (units): 150-75-30  
 SEEDED - RATE - ROW: May 11 35,319 /A 30" spacing  
 HARVESTED - STAND: Oct 19 33,400 /A

## Early-Season Test

93 - 98 Day CRM  
 B2013MNWC06a

## Top 30 of 72

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	197-68STXRIB	STX,B	AC,P5V	97	<b>196.7</b>	21.6	0	34.4	853	3
LG Seeds	LG5425STX	STX	AC,P5V	95	<b>193.5</b>	17.2	0	28.8	860	1
Dairyland	DS9796	3000GT	CM,C2	96	187.1	16.8	0	36.2	834	4
Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96	187.0	18.4	0	36.2	826	7
Producers	5634VT3Pro	VT3P	AC,P5V	96	186.9	18.1	0	34.4	827	6
Latham	LH4455VT3PRORIB	VT3P,B	AC,P5V	94	186.7	19.2	0	33.5	821	8
Gold Country	99-33RSS	STX,B	AC,P5V	99	186.6	17.5	0	34.8	828	5
Renk	RK557SSTX	STX	AC,P2	95	186.1	19.5	0	32.0	817	9
Viking	VS94-571	VT2P,B	AC,P2	94	185.5	20.2	0	32.1	811	11
NuTech	5N-9802	3000GT	MQ,C2	98	184.0	19.7	0	32.6	806	13
Enestvedt	E652VT3P	VT3P	CM,C2	95	183.5	19.7	0	33.4	804	14
Channel	194-63STXRIB	STX,B	AC,P5V	94	183.3	17.7	0	34.4	812	10
Stine	R9311VT3Pro	VT3P,B	AC,P2	93	182.0	17.7	0	35.3	807	12
Dyna-Gro	D34VC52	VT2P	AC,P5V	94	181.1	18.4	0	34.8	800	16
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	180.6	17.5	0	33.9	801	15
Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98	180.6	19.1	0	35.3	794	18
Renk	RK522SSTX	STX	AC,P2	94	180.1	18.2	0	34.4	796	17
Mustang	4845GENSS	STX	AC,P2	96	180.1	20.1	0	33.9	787	22
Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95	179.0	21.4	0	29.8	777	27
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96	178.2	18.1	0	32.5	788	21
Dahlman	R48-32VT3PRIB	VT3P,B	AC,P2	96	177.7	17.2	0	34.8	790	20
Prairie Brand	4284SX	STX	P5V	93	177.6	16.9	0	35.3	791	19
Anderson	689VT3P	VT3P	CE,C2	95	177.6	18.0	0	33.9	786	23
Latham	LH4679SSRIB	STX,B	AC,P5V	96	177.0	19.0	0	35.3	779	26
Gold Country	93-07RSS	STX,B	AC,P5V	93	176.9	18.4	0	35.3	781	24
Channel	196-77STXRIB	STX,B	AC,P5V	96	175.9	19.6	0	33.5	771	30
Wensman	W 90967STX	STX	AC,P2	96	175.6	17.4	0	34.4	780	25
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	175.5	19.9	0	31.6	768	31
Dahlman	R49-312SSRIB	STX,B	AC,P2	98	175.2	17.8	0	32.5	776	28
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94	174.1	16.9	0	34.8	775	29
Dekalb	DKC48-12RIB CK	STX,B	AC,P2	98	<b>193.9</b>	18.5	0	33.9	856	2

mark.querna@firstseedtests.com, (507) 380-9920

Test Average = **172.1** **18.4** **0** **33.4** **760**  
 LSD (0.10) = 17.0 1.5 ns  
 C.V. = 7.3 6.1

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 was planted on my second day of plot seeding. Wet weather through June slowed crop development, but also recharged dry soils. Unfortunately, very little rain fell here in July and Aug. The field surrounding the plot site yielded 175-180 bpa at 19% moisture, but Doug noted that one more rain in July would have bumped averages up to 200 bpa.

† 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: 10/21/2013 Revised:

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PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Fram-Svea silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.9 pH, 3.8% OM  
 PEST MANAGEMENT: Force, Harness, Roundup  
 FERTILITY - Applied N: 150 Spring  
 Applied N-P-K (units): 150-75-30  
 SEEDED - RATE - ROW: May 11 35,319 /A 30" spacing  
 HARVESTED - STAND: Oct 19 33,100 /A

**Full-Season Test**  
**99 - 102 Day CRM**  
 B2013MNWC06b

**Top 30 of 48**  
 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
Latham	LH5215VT2PRO	VT2P	AC,P2	101	<b>210.1</b>	26.4	0	34.8	886	1
Jung	7S522RIB	STX,B	AC,P5V	101	<b>207.8</b>	25.3	0	33.5	882	2
Latham	LH5219SSRIB	STX,B	AC,P5V	102	<b>207.2</b>	24.9	0	32.5	881	3
Producers	6108STXRIB	STX,B	AC,P5V	101	<b>203.2</b>	23.6	0	30.7	871	4
Dahlman	R50-306SSRIB	STX,B	AC,P5	101	200.1	22.3	0	34.8	864	5
Pioneer	P0062AMX GC	AMX,B	CM,C2	100	197.1	20.8	0	31.6	858	6
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P2	102	196.9	21.3	0	32.1	855	7
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	196.4	22.4	0	32.1	847	8
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	195.5	23.2	0	34.4	840	11
Titan Pro	TP 39-00 SS	STX	AC,P5V	100	194.9	21.1	0	33.0	847	9
Renk	RK666SSTX	STX	AC,P2	102	193.7	20.4	0	34.4	846	10
Enestvedt	E672GenSSRIB	STX,B	AC,P2	99	193.5	22.1	0	33.5	836	12
Wensman	W 9325STXRIB	STX,B	AC,P2	102	193.1	23.3	0	33.0	829	16
Viking	E62-00R	VT2P,B	AC,P2	100	192.8	22.4	0	33.5	832	14
Enestvedt	E671VT3P	VT3P	CM,C2	100	191.7	22.1	0	30.2	829	17
Titan Pro	2M01-3P	VT3P,B	AC,P1V	101	191.6	20.9	0	35.3	834	13
Wensman	W 91011STX	STX	AC,P2	101	191.6	23.8	0	34.8	820	22
Jung	7S506RIB	STX,B	AC,P5V	100	190.8	20.5	0	35.8	832	15
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	190.6	22.3	0	29.3	823	19
Renk	RK633SSTX	STX	AC,P2	101	190.2	25.8	0	33.0	805	24
Gold Country	98-38RSS	STX,B	AC,P5V	98	188.9	19.4	0	34.4	829	18
Gold Country	101-56RSS	STX,B	AC,P5V	101	188.0	24.5	0	33.9	801	25
Gold Country	100-95R3P	VT3P,B	AC,P5V	100	187.5	19.7	0	33.0	822	20
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	185.8	20.5	0	33.9	811	23
Stine	9425SS	STX	AC,P2	102	185.2	24.7	0	31.6	788	29
Dyna-Gro	D39VP14RIB	VT3P,B	AC,P5V	99	183.8	22.0	0	32.5	795	27
Renk	RK581SSTX	STX	AC,P2	100	183.4	24.1	0	33.0	784	31
Latham	LH5185VT2PRORIB	VT2P,B	AC,P5V	101	180.7	19.4	0	27.4	793	28
Viking	C94-01R	VT3P,B	AC,P2	101	179.9	17.1	0	33.9	800	26
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99	178.7	19.1	0	34.4	786	30
Dekalb	DKC48-12RIB CK	STX,B	AC,P2	98	186.6	18.9	0	32.5	822	21

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Test Average = **185.3**    **21.7**    **0**    **33.1**    **802**  
 LSD (0.10) = 17.2    2.5    ns  
 C.V. = 6.9    8.4

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:** *This site was planted on my second day of plot seeding. Wet weather through June slowed crop development, but also recharged dry soils. Unfortunately, very little rain fell here in July and Aug. The field surrounding the plot site yielded 175-180 bpa at 19% moisture, but Doug noted that one more rain in July would have bumped averages up to 200 bpa.*

† 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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**Early-Season Test Products (72 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	615R	RR2	M	98	Pioneer	P9526AMX GC	AMX,B	CM,C2	95
Anderson	615VT3P	VT3P	CE,C2	98	Pioneer	P9675AMX GC	AMX,B	MQ,C2	96
Anderson	689R	RR2	M	95	Pioneer	P9834HR GC	HX,RR2	MQ,C2	98
Anderson	689VT3P	VT3P	CE,C2	95	Prairie Brand	4284SX	STX	P5V	93
Channel	194-63STXRIB	STX,B	AC,P5V	94	Prairie Brand	4364AS3122	3122	CM,C2	93
Channel	195-58STXRIB	STX,B	AC,P5V	95	Prairie Brand	971RA	STX,B	CM,C2	96
Channel	196-77STXRIB	STX,B	AC,P5V	96	Prairie Brand	981VT3	VT3	CM,C2	98
Channel	197-68STXRIB	STX,B	AC,P5V	97	Producers	5634VT3Pro	VT3P	AC,P5V	96
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94	Producers	5898STXRIB	STX,B	AC,P5V	98
Dahlman	R48-32VT3PRIB	VT3P,B	AC,P2	96	Renk	RK522SSTX	STX	AC,P2	94
Dahlman	R49-312SSRIB	STX,B	AC,P2	98	Renk	RK557SSTX	STX	AC,P2	95
Dairyland	DS9093	3122	CM,C2	93	Renk	RK568VT3P	VT3P	AC,P2	95
Dairyland	DS9796	3000GT	CM,C2	96	Renk	RK585VT3P	VT3P	AC,P2	95
Dairyland	DS9898RA	STX,B	CM,C2	98	Stine	R9311VT3Pro	VT3P,B	AC,P2	93
Dekalb	DKC43-48RIB GC	VT3P,B	AC,P2	93	Stine	R9422VT3Pro	VT3P,B	AC,P2	96
Dekalb	DKC46-20RIB GC	VT3P,B	AC,P2	96	Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96
Dekalb	DKC48-12RIB CK	STX,B	AC,P2	98	Titan Pro	2M95-2P	VT2P,B	AC,P2,Z	95
Dyna-Gro	D34VC52	VT2P	AC,P5V	94	Titan Pro	93A94	3000GT	CM,C2,Z	94
Dyna-Gro	D37SS71	STX	AC,P5V	97	Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98
Dyna-Gro	D38SS50	STX	P5	98	Viking	C44-95R	VT3P,B	AC,P2	95
Enestvedt	E652VT3P	VT3P	CM,C2	95	Viking	VS94-571	VT2P,B	AC,P2	94
Enestvedt	E659AVT3P	VT3P	CM,C2	95	Viking	VS98-123	STX,B	AC,P2	98
Gold Country	93-07RSS	STX,B	AC,P5V	93	Viking	Y91-98RL	3111	CM,C2	98
Gold Country	95-33R2P	VT2P,B	AC,P5V	95	Wensman	W 70975VT3PRO	VT3P	AC,P2	97
Gold Country	96-60RSS	STX,B	AC,P5V	96	Wensman	W 90935VT3PRO	VT3P	AC,P2	93
Gold Country	99-33RSS	STX,B	AC,P5V	99	Wensman	W 90967STX	STX	AC,P2	96
Hyland	4398	3000GT	CM,C2	96	Wensman	W 9288STXRIB	STX,B	AC,P2	98
Hyland	8450RA	STX,B	CM,C2	97					
Jung	7S417RIB	STX,B	AC,P5V	96					
Latham	LH4455VT3PRORIB	VT3P,B	AC,P5V	94					
Latham	LH4568VT3PRORIB	VT3P,B	AC,P2	95					
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96					
Latham	LH4679SSRIB	STX,B	AC,P5V	96					
LG Seeds	LG5425STX	STX	AC,P5V	95					
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
Mustang	4845GENSS	STX	AC,P2	96					
Mustang	4897GENSS	STX	AC,P2	97					
Mustang	5808GENSS	STX,B	AC,P2	98					
NuTech	5N-9404	3000GT	MQ,C2	94					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5X-894	HXT,RR2	MQ,P1V,R	94					
NuTech/G2 Gen	5Z-9605	OI	MQ,P1V,R	96					

**Full-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	537R	RR2	M	101	Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101
Anderson	588VT3P	VT3P	CE,C2	101	Wensman	W 91011STX	STX	AC,P2	101
Dahlman	R50-306SSRIB	STX,B	AC,P5	101	Wensman	W 9325STXRIB	STX,B	AC,P2	102
Dahlman	R50-33VT3PRIB	VT3P,B	AC,P2	100					
Dairyland	DS9501SSX	STX	AVC,C2	100					
Dekalb	DKC48-12RIB CK	STX,B	AC,P2	98					
Dekalb	DKC52-04RIB GC	VT3P,B	AC,P2	102					
Dyna-Gro	D39SS17	STX	AC,P5V	99					
Dyna-Gro	D39VP14RIB	VT3P,B	AC,P5V	99					
Enestvedt	E671VT3P	VT3P	CM,C2	100					
Enestvedt	E672GenSSRIB	STX,B	AC,P2	99					
Gold Country	100-95R3P	VT3P,B	AC,P5V	100					
Gold Country	101-56RSS	STX,B	AC,P5V	101					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Gold Country	98-38RSS	STX,B	AC,P5V	98					
Jung	7S506RIB	STX,B	AC,P5V	100					
Jung	7S522RIB	STX,B	AC,P5V	101					
Latham	LH4926VT3PRORIB	VT3P,B	AC,P5V	99					
Latham	LH5185VT2PRORIB	VT2P,B	AC,P5V	101					
Latham	LH5215VT2PRO	VT2P	AC,P2	101					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
Mustang	5850GENSS	STX	AC,P2	100					
Mustang	6801GENSS	STX,B	AC,P2	101					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5Z-0105	OI	MQ,P1V,R	101					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Pioneer	P0062AMX GC	AMX,B	CM,C2	100					
Producers	5904VT3PRIB	VT3P,B	AC,P5V	99					
Producers	6108STXRIB	STX,B	AC,P5V	101					
Renk	RK581SSTX	STX	AC,P2	100					
Renk	RK598SSTX	STX,B	AC,P5V	100					
Renk	RK633SSTX	STX	AC,P2	101					
Renk	RK666SSTX	STX	AC,P2	102					
Stine	9425SS	STX	AC,P2	102					
Titan Pro	2M01-3P	VT3P,B	AC,P1V	101					
Titan Pro	TP 35-01 2P	VT2P	AC,P2,Z	101					
Titan Pro	TP 39-00 SS	STX	AC,P5V	100					
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102					
Viking	C94-01R	VT3P,B	AC,P2	101					
Viking	E62-00R	VT2P,B	AC,P2	100					
Viking	VS100-511	STX,B	AC,P2	100					
Wensman	W 7290VT3PRIB	VT3P,B	AC,P2	99					

## 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.