

2013 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] JEFFERS
Rick Quade, Cottonwood County, MN 56083



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Roundup (twice)
SOIL DESCRIPTION: Wilmington clay loam, mod. well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.5 pH, 5.1% OM
PEST MANAGEMENT: Force, Surpass, Roundup
FERTILITY - Applied N: 120 Fall
Applied N-P-K (units): 120-84-60
SEEDED - RATE - ROW: Jun 2 35,319 /A 30" spacing
HARVESTED - STAND: Oct 19 34,400 /A

Early-Season Test
96 - 101 Day CRM
B2013MNSW07a

Top 30 of 63
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	102-88RSS	STX,B	AC,P5V	102	195.3	28.1	0	34.4	815	2
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	193.8	29.0	0	35.7	804	3
Producers	6108STXRIB	STX,B	AC,P5V	101	188.1	26.7	0	36.2	791	9
Channel	197-68STXRIB	STX,B	AC,P5V	97	187.1	24.6	0	35.3	797	5
Gold Country	98-38RSS	STX,B	AC,P5V	98	186.2	23.6	0	33.0	798	4
Jung	7S506RIB	STX,B	AC,P5V	100	186.0	24.6	0	33.9	792	7
Viking	D81-01RL	STX,B	AC,P2	101	184.8	25.0	0	34.4	785	13
NuTech	5N-9802	3000GT	MQ,C2	98	184.7	22.9	0	32.1	795	6
Dekalb	DKC50-77RIB GC	VT3P,B	AC,P2	100	183.2	22.7	0	33.4	789	11
Jung	7S522RIB	STX,B	AC,P5V	101	183.2	27.0	0	34.8	769	19
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	182.3	21.7	0	34.4	790	10
Wensman	W 9288STXRIB	STX,B	AC,P2	98	182.1	26.9	0	33.0	765	20
Wyffels	W1787RIB	VT3P,B	AC,P5V	96	182.0	21.0	0	35.7	792	8
Channel	199-29STXRIB	STX,B	AC,P5V	99	182.0	22.4	0	33.0	785	14
Wyffels	W2277RIB	VT3P,B	AC,P5V	100	181.6	23.5	0	33.4	779	16
Viking	Y84-00RL	3000GT	CM,C2	100	180.6	25.7	0	34.4	764	22
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96	180.5	20.1	0	36.2	789	12
Mustang	4845GENSS	STX	AC,P2	96	180.1	21.9	0	34.8	779	17
Channel	196-77STXRIB	STX,B	AC,P5V	96	179.7	21.5	0	35.7	779	18
Prairie Brand	971RA	STX,B	CM,C2	96	179.2	24.3	0	33.0	765	21
Wyffels	X1807	VT3P	AC,P5V	97	179.1	19.7	0	33.9	785	15
Wensman	W 91011STX	STX	AC,P2	101	178.2	27.3	0	34.4	747	31
Wensman	W 90967STX	STX	AC,P2	96	175.6	22.0	0	33.4	759	23
Anderson	588VT3P	VT3P	CE,C2	101	175.2	23.6	0	33.9	751	27
Dairyland	DS9501SSX	STX	AVC,C2	100	174.7	23.5	0	35.7	749	29
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	174.6	22.2	0	31.6	754	25
Gold Country	96-60RSS	STX,B	AC,P5V	96	173.6	20.1	0	35.3	759	24
Prairie Brand	1010VT3	VT3	CM,C2	101	173.1	21.5	0	35.3	751	28
Jung	7S417RIB	STX,B	AC,P5V	96	171.5	19.6	0	35.3	752	26
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98	170.1	18.8	0	33.9	749	30
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102	189.7	21.8	0	33.9	821	1

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

Test Average = **174.6** **23.4** **0** **34.4** **749**
LSD (0.10) = 13.5 2.2 ns
C.V. = 5.7 6.8

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: *The corn surrounding this site was at the 2-leaf stage when this test was planted. The plot was planted into saturated soil, but continued rains in June helped with stand establishment. Yields never caught up to the earlier planted corn. Rick told me the corn around the plot was 21% moisture. Yields have varied across his land, but his brother's field 3 miles west yielded 225 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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PEST MANAGEMENT: Force, Surpass, Roundup
FERTILITY - Applied N: 120 Fall
Applied N-P-K (units): 120-84-60
SEEDED - RATE - ROW: Jun 2 35,319 /A 30" spacing
HARVESTED - STAND: Oct 19 34,100 /A

Full-Season Test
102 - 105 Day CRM
B2013MNSW07b

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
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104	186.5	27.9	0	36.2	779	4
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	186.2	25.1	0	30.2	791	1
Renze	3174SST	STX	CM,C2	102	186.1	26.3	0	34.8	785	3
Pioneer	P0533AM1 GC	AM1,B	CM,C2	105	185.3	25.3	0	35.8	786	2
Gold Country	102-88RSS	STX,B	AC,P5V	102	183.1	27.5	0	32.5	767	6
Wensman	W 9325STXRIB	STX,B	AC,P2	102	182.6	26.4	0	33.5	770	5
Wyffels	W2888	STX	AC,P5V	102	181.9	26.3	0	30.7	767	7
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	179.9	28.0	0	33.9	751	13
Jung	7S577RIB	STX,B	AC,P5V	104	179.3	26.0	0	34.4	758	9
Renze	2224-3000GT	3000GT	CM,C2	104	179.3	29.5	0	34.8	742	22
Pfister	2413RA	STX,B	CM,C2	105	178.6	26.8	0	34.8	751	14
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	177.9	24.5	0	33.0	758	10
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104	177.4	25.7	0	35.3	751	15
Mustang	6604GENVT3P	VT3P	AC,P2	104	176.9	24.8	1	35.8	753	12
Renk	RK752SSTX	STX,B	AC,P5V	105	176.7	26.3	0	33.9	745	21
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103	176.2	29.5	0	35.3	729	25
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	176.1	24.9	0	34.8	749	16
Producers	6394VT3Pro	VT3P	AC,P5V	103	175.9	23.3	0	34.8	755	11
Kruger	KR-7303	VT3P,B	AC,P5V	103	175.8	22.0	0	33.5	760	8
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	175.8	25.1	0	34.4	747	19
Wyffels	W3007RIB	VT3P,B	AC,P5V	103	175.2	24.0	1	35.3	749	17
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	174.7	24.3	0	32.1	746	20
Viking	C78-05R	VT3P,B	AC,P2	105	173.9	22.8	3	34.4	749	18
Wyffels	W4797RIB	VT3P,B	AC,P5V	106	173.6	24.6	0	34.4	740	23
Trelay	6ST541RIB	STX,B	AC,P5V	104	173.2	25.2	0	33.5	735	24
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	172.7	26.6	0	33.5	727	27
Channel	203-44STXRIB	STX,B	AC,P5V	103	171.6	25.8	0	34.8	726	28
Mustang	6803GENSS	STX	AC,P2	103	170.9	25.0	0	36.2	726	29
Pfister	2225SS	STX	CM,C2	102	170.7	26.2	0	34.8	720	31
Renk	RK629VT3P	VT3P	AC,P2	102	169.2	24.2	0	34.8	722	30
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102	170.8	24.3	0	35.8	729	26

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Test Average = **172.8** **26.0** **0** **34.1** **730**
LSD (0.10) = 12.6 2.5 1
C.V. = 5.4 6.9

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

Test Comments: *The corn surrounding this site was at the 2-leaf stage when this test was planted. The plot was planted into saturated soil, but continued rains in June helped with stand establishment. Yields never caught up to the earlier planted corn. Rick told me the corn around the plot was 21% moisture. Yields have varied across his land, but his brother's field 3 miles west yielded 225 bpa.*

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Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	537R	RR2	M	101	Renk	RK633SSTX	STX	AC,P2	101
Anderson	588VT3P	VT3P	CE,C2	101	Renze	3133SST	STX	CM,C2	99
Anderson	615R	RR2	M	98	Stine	R9422VT3Pro	VT3P,B	AC,P2	96
Anderson	615VT3P	VT3P	CE,C2	98	Titan Pro	1M96-3P	VT3P,B	AC,P2,Z	96
Channel	195-58STXRIB	STX,B	AC,P5V	95	Titan Pro	1M99-3P	VT3P	AC,P5V,Z	99
Channel	196-77STXRIB	STX,B	AC,P5V	96	Titan Pro	TP 39-00 SS	STX	AC,P5V	100
Channel	197-68STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98
Channel	199-29STXRIB	STX,B	AC,P5V	99	Viking	D81-01RL	STX,B	AC,P2	101
Dahlman	R50-33VT3PRIB	VT3P,B	AC,P2	100	Viking	E62-00R	VT2P,B	AC,P2	100
Dairyland	DS9501SSX	STX	AVC,C2	100	Viking	Y84-00RL	3000GT	CM,C2	100
Dairyland	DS9796	3000GT	CM,C2	96	Wensman	W 70975VT3PRO	VT3P	AC,P2	97
Dairyland	DS9898RA	STX,B	CM,C2	98	Wensman	W 90967STX	STX	AC,P2	96
Dekalb	DKC50-77RIB GC	VT3P,B	AC,P2	100	Wensman	W 91011STX	STX	AC,P2	101
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102	Wensman	W 9288STXRIB	STX,B	AC,P2	98
Gold Country	100-95R3P	VT3P,B	AC,P5V	100	Wyffels	W1687RIB	VT3P,B	AC,P5V	96
Gold Country	102-88RSS	STX,B	AC,P5V	102	Wyffels	W1787RIB	VT3P,B	AC,P5V	96
Gold Country	96-60RSS	STX,B	AC,P5V	96	Wyffels	W2277RIB	VT3P,B	AC,P5V	100
Gold Country	98-38RSS	STX,B	AC,P5V	98	Wyffels	X1807	VT3P	AC,P5V	97
Jung	7S417RIB	STX,B	AC,P5V	96					
Jung	7S506RIB	STX,B	AC,P5V	100					
Jung	7S522RIB	STX,B	AC,P5V	101					
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100					
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
Mustang	4845GENSS	STX	AC,P2	96					
Mustang	4897GENSS	STX	AC,P2	97					
Mustang	5850GENSS	STX	AC,P2	100					
NuTech	5N-9802	3000GT	MQ,C2	98					
NuTech/G2 Gen	3F-198AM	AM-R,B	MQ,C2	98					
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99					
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98					
NuTech/G2 Gen	5Z-200	OI	MQ,P1V,R	100					
Pfister	1780RA	STX,B	CM,C2	99					
Pfister	1821RA	STX,B	CM,C2	100					
Pioneer	P0193AM GC	AM,B	CM,C2	101					
Prairie Brand	1010VT3	VT3	CM,C2	101					
Prairie Brand	1022SX	STX	CM,C1	100					
Prairie Brand	971RA	STX,B	CM,C2	96					
Prairie Brand	981VT3	VT3	CM,C2	98					
Producers	5898STXRIB	STX,B	AC,P5V	98					
Producers	6108STXRIB	STX,B	AC,P5V	101					
Renk	RK568VT3P	VT3P	AC,P2	95					
Renk	RK581SSTX	STX	AC,P2	100					
Renk	RK598SSTX	STX,B	AC,P5V	100					

2013 Corn Grain - Minnesota Southwest [MNSW]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
CBseed	SK6053GT	3000GT	CE,C2	105	Wyffels	W3007RIB	VT3P,B	AC,P5V	103
CBseed	SK6A0468GT	3000GT	CE,C2	105	Wyffels	W3998	STX	AC,P5V	105
CBseed	SK6A4568GT	3000GT	CE,C2	105	Wyffels	W4797RIB	VT3P,B	AC,P5V	106
CBseed	SK6A5068GT	3000GT	CE,C2	105					
Channel	203-44STXRIB	STX,B	AC,P5V	103					
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102					
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103					
Gold Country	101-56RSS	STX,B	AC,P5V	101					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Gold Country	103-15RSS	STX,B	AC,P5V	103					
Gold Country	105-49RSS	STX,B	AC,P5V	105					
Jung	7S565RIB	STX,B	AC,P5V	103					
Jung	7S577RIB	STX,B	AC,P5V	104					
Kruger	KR-7303	VT3P,B	AC,P5V	103					
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103					
LG Seeds	LG5524VT3P	VT3P	AC,P5V	105					
Mustang	6604GENVT3P	VT3P	AC,P2	104					
Mustang	6803GENSS	STX	AC,P2	103					
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102					
NuTech/G2 Gen	5H-202	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
Pfister	2225SS	STX	CM,C2	102					
Pfister	2413RA	STX,B	CM,C2	105					
Pioneer	P0533AM1 GC	AM1,B	CM,C2	105					
Producers	6318STX	STX	AC,P5V	103					
Producers	6394VT3Pro	VT3P	AC,P5V	103					
Producers	6624VT3PRIB	VT3P,B	AC,P5V	105					
Renk	RK629VT3P	VT3P	AC,P2	102					
Renk	RK666SSTX	STX	AC,P2	102					
Renk	RK699SSTX	STX	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P5V	105					
Renze	2224-3000GT	3000GT	CM,C2	104					
Renze	3174SST	STX	CM,C2	102					
Stine	9425SS	STX	AC,P2	102					
Titan Pro	2M04-2P	VT2P,B	AC,P2,Z	104					
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102					
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105					
Trelay	6ST416RIB	STX,B	AC,P5V	103					
Trelay	6ST541RIB	STX,B	AC,P5V	104					
Viking	C78-05R	VT3P,B	AC,P2	105					
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101					
Wensman	W 7330VT3PRIB	VT3P,B	AC,P2	104					
Wensman	W 9325STXRIB	STX,B	AC,P2	102					
Wyffels	W2888	STX	AC,P5V	102					

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.