

2014 Corn Grain Top 30 Harvest Report

Minnesota Southwest [MNSW] JACKSON
Steve Ryberg, Jackson County, MN 56143



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Soybean / Treflan, Roundup
SOIL DESCRIPTION: Nicollet clay loam, mod. well drained, conventional w/o fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.9 pH, 4.2% OM
PEST MANAGEMENT: Force, Harness, Roundup
FERTILITY - Applied N: 30 Fall, 110 Spring
Applied N-P-K (units): 140-75-62
SEEDED - RATE - ROW: May 7 35,300 /A 30" spacing
HARVESTED - STAND: Oct 25 33,000 /A

Early-Season Test

96 - 101 Day CRM
B2014MNSW11a

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
Channel	197-68STXRIB	STX,B	AC,P5V	97	209.5	18.6	0	33.5	631	2
Channel	199-29STXRIB	STX,B	AC,P5V	99	206.0	16.2	0	33.5	632	1
Enestvedt	E671VT3P	VT3P	CM,C2	100	197.6	17.4	0	32.6	601	3
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100	196.9	19.3	0	33.5	589	5
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	194.2	16.8	0	34.9	593	4
Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101	193.4	18.6	1	34.0	582	7
Anderson	537R	RR2	M,D,At	101	192.3	16.6	0	31.7	588	6
Dyna-Gro	D41SS71	STX	AC,P5V	101	191.1	18.2	0	33.9	577	8
Viking	D81-01RL	STX,B	AC,P5V	101	189.2	17.5	0	32.1	575	9
Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101	189.1	18.7	0	32.1	569	13
Wensman	W 91011STXRIB	STX,B	AC,P5V	101	188.7	18.9	1	33.5	567	15
Renze	3145SST	STX	CM,C2	100	187.2	18.0	0	33.9	566	17
Renk	RK596SSTX	STX	AC,P2	98	186.8	17.0	0	32.1	570	12
Wyffels	W1698RIB	STX,B	AC,P5V	97	186.7	16.2	0	30.7	573	10
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98	186.3	17.3	0	33.5	567	16
Anderson	658SRC	STX,B	AC,P2	96	185.8	16.5	0	34.4	569	14
LG Seeds	LG5460STX	STX	AC,P5V	97	185.5	17.7	0	33.9	563	20
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98	185.2	18.3	0	34.9	559	22
Wensman	W 9288STXRIB	STX,B	AC,P5V	98	184.7	18.3	0	34.4	557	24
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96	184.5	14.5	0	29.8	572	11
Renk	RK591DC5222A	5222,A	CM,C2	99	184.4	16.6	0	28.9	564	19
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99	184.1	17.4	0	34.4	560	21
Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97	184.0	16.0	0	34.9	566	18
Wyffels	W2308	STX	AC,P5V	100	182.9	17.4	0	33.5	556	26
Gold Country	97-65RSS	STX,B	AC,P5V	97	182.7	16.9	0	33.0	558	23
Gold Country	98-38RSS	STX,B	AC,P5V	98	182.2	17.9	0	34.4	552	29
Wyffels	W1818	STX	AC,P5V	97	182.1	16.7	0	33.5	557	25
Channel	201-39STXRIB	STX,B	AC,P5V	101	181.8	17.1	0	32.6	554	28
Pfister	1740SS	STX	AC,P5	98	180.8	16.9	0	32.1	552	30
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96	178.9	14.9	0	30.7	555	27
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	184.2	19.8	0	34.4	549	33

Mark Querna

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

Test Average = **180.3** **17.2** **0** **33.0** **549**

LSD (0.10) = 15.5 1.5 ns

LSD (0.25) = 10.8 1.0 ns

C.V. = 6.4 6.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.10}{\$3.10}$ Local GMO non-GMO

Test Comments: Soil profile was fully charged at planting time, and June rains were plentiful. The weather turned drier in July and August, and temperatures were moderate. Plants stood quite well here, and grain moistures dropped quite a bit due to nice weather in October.

† 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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Report date: 10/29/2014 Revised:

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 PEST MANAGEMENT: Force, Harness, Roundup
 FERTILITY - Applied N: 30 Fall, 110 Spring
 Applied N-P-K (units): 140-75-62
 SEEDED - RATE - ROW: May 7 35,300 /A 30" spacing
 HARVESTED - STAND: Oct 25 32,400 /A

Full-Season Test

102 - 105 Day CRM

B2014MNSW11b

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	104	202.5	20.7	0	32.6	599	1
Wyffels	W3358	STX	AC,P5V	103	195.1	17.6	0	34.8	592	2
Gold Country	105-49RSS	STX,B	AC,P5V	105	194.8	18.3	0	34.4	588	3
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104	191.7	18.8	0	33.5	576	5
Renk	RK629VT3P	VT3P,B	AC,P2	101	188.5	16.2	0	31.6	579	4
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105	187.6	20.5	0	33.5	556	11
LG Seeds	LG5523STX	STX	AC,P5V	105	187.2	18.4	0	35.3	564	6
Channel	202-64STXRIB	STX,B	AC,P5V	102	186.7	18.7	0	32.1	562	8
Curry	XC-1402YXR	OIX	MQ,P5V,R	102	186.5	18.0	0	34.4	564	7
Wensman	W 91051STX	STX	AC,P5V	105	186.5	18.6	0	32.6	561	9
Titan Pro	1M02-SS	STX,B	AC,P5V	102	185.1	19.2	0	33.0	554	12
Gold Country	102-88RSS	STX,B	AC,P5V	102	184.4	17.3	0	34.4	561	10
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102	184.0	20.1	0	32.1	547	15
Prairie Brand	1041RA	STX,B	CM,C2	104	183.1	19.1	0	33.9	549	13
Renk	RK752SSTX	STX,B	AC,P2	105	182.1	21.2	0	34.8	536	23
Wensman	W 9325STXRIB	STX,B	AC,P5V	102	181.3	18.7	0	29.8	545	16
Prairie Brand	X1457SX	STX	CM,C2	104	181.3	18.8	0	32.6	545	17
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105	180.9	20.6	0	29.8	535	24
Channel	203-44STXRIB	STX,B	AC,P5V	103	180.8	19.7	1	31.6	539	21
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102	180.3	17.2	0	32.1	549	14
Wyffels	W3998RIB	STX,B	AC,P5V	105	180.1	18.2	0	34.4	544	18
Curry	422-09CHR	OT	MQ,P1V,R	102	178.9	18.7	0	31.6	538	22
LG Seeds	LG5502STX	STX	AC,P5V	102	178.2	17.1	0	31.6	543	19
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102	178.2	21.1	0	33.9	525	30
Prairie Brand	5624GT	GT	CM,C2	105	177.9	17.5	11	33.9	540	20
Pfister	2399GT3000	3000GT	CM,C2	104	177.0	18.0	3	33.9	535	25
Renk	RK666SSTX	STX,B	AC,P2	102	176.5	18.1	0	31.2	533	28
Latham	LH5509SSRIB	STX,B	AC,P5V	105	176.3	19.8	8	32.6	525	31
Viking	C78-05R	VT3P,B	AC,P2	105	173.7	15.9	0	33.9	535	26
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102	173.1	16.7	0	30.3	529	29
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	178.8	19.6	0	31.2	534	27

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Test Average = **177.3** **18.6** **1** **32.4** **533**

LSD (0.10) = 15.1 1.7 4

LSD (0.25) = 10.5 1.2 3

C.V. = 6.3 6.6

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = $\frac{\$3.10}{\$3.10}$ Local GMO non-GMO

Test Comments: Soil profile was fully charged at planting time, and June rains were plentiful. The weather turned drier in July and August, and temperatures were moderate. Plants stood quite well here, and grain moistures dropped quite a bit due to nice weather in October.

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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,D,At	101	Renze	3145SST	STX	CM,C2	100
Anderson	615R	RR2	M,D,At	98	Rob-See-Co	Innotech IC4654^	3111	CM,C2	96
Anderson	615VT3P	VT3P	CE,C2	98	Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99
Anderson	658SRC	STX,B	AC,P2	96	Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101
Channel	197-68STXRIB	STX,B	AC,P5V	97	TA Seeds	TA477-31	3111	CM,C2	97
Channel	199-29STXRIB	STX,B	AC,P5V	99	Titan Pro	TP 31-01 3011A	3011A	AVC,C2	101
Channel	201-39STXRIB	STX,B	AC,P5V	101	Titan Pro	TP 35-01 2P	VT2P,B	AC,P2	101
Curry	817-95AMX	AMX,B	MQ,P5V,R	97	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Curry	XC-1401CYXR	OIXT,AQ	MQ,P5V,R	101	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dairyland	DS9898RA	STX,B	CM,C2	98	Viking	D81-01RL	STX,B	AC,P5V	101
Dairyland	DS9900SSX	STX	CM,C2	99	Viking	T51-01R	GT,B	CM,C2	101
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103	Wensman	W 70975VT3PRIB	VT3P,B	AC,P5V	97
Dyna-Gro	D39VP14	VT3P	AC,P5V	99	Wensman	W 90979STX	STX	AC,P5V	97
Dyna-Gro	D41SS71	STX	AC,P5V	101	Wensman	W 91011STXRIB	STX,B	AC,P5V	101
Enestvedt	E671VT3P	VT3P	CM,C2	100	Wensman	W 9288STXRIB	STX,B	AC,P5V	98
Enestvedt	E693SSRIB	STX,B	AC,P5V	100	Wyffels	W1698RIB	STX,B	AC,P5V	97
Gold Country	97-65RSS	STX,B	AC,P5V	97	Wyffels	W1818	STX	AC,P5V	97
Gold Country	98-38RSS	STX,B	AC,P5V	98	Wyffels	W2308	STX	AC,P5V	100
Gold Country	99-52RSS	STX,B	AC,P5V	99					
Kussmaul	SB-1098RR	RR2	AC,P2	98					
Latham	LH4645VT2PRORIB	VT2P,B	AC,P5V	96					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2PRORIB	VT2P,B	AC,P5V	99					
Latham	LH5145VT2PRODGRIB	VT2P,DG,B	AC,P5V	101					
LG Seeds	LG5460STX	STX	AC,P5V	97					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5F-200^	AM,AQ,B	MQ,P5V	100					
NuTech/G2 Gen	5X-698^	HXT,RR2,AC	MQ,P5V	98					
NuTech/G2 Gen	5Y-196^	OIX	MQ,P1V,R	96					
Pfister	1740SS	STX	AC,P5	98					
Pfister	1780RA	STX,B	CM,C2	98					
Pfister	1785GT3000	3000GT	CM,C2	100					
Pfister	1821RA	STX,B	CM,C2	100					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Prairie Brand	4895GT3	3000GT	CM,C2	98					
Prairie Brand	4995SX	STX	CM,C2	99					
Prairie Brand	5065GT3	3000GT	CM,C2	100					
Prairie Brand	971RA	STX,B	CM,C2	98					
Renk	RK581SSTX	STX,B	AC,P2	100					
Renk	RK591DC5222A	5222,A	CM,C2	99					
Renk	RK596SSTX	STX	AC,P2	98					
Renk	RK605SSTX	STX	AC,P2	100					
Renze	3144RA	STX,B	CM,C2	101					

2014 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
Channel	202-64STXRIB	STX,B	AC,P5V	102	Wensman	W 9325STXRIB	STX,B	AC,P5V	102
Channel	203-44STXRIB	STX,B	AC,P5V	103	Wyffels	W3358	STX	AC,P5V	103
Channel	203-88STXRIB	STX,B	AC,P5V	103	Wyffels	W3998RIB	STX,B	AC,P5V	105
Curry	422-09CHR	OT	MQ,P1V,R	102					
Curry	XC-1402YXR	OIX	MQ,P5V,R	102					
Curry	XC-1404 YXR	OIX	MQ,P5V,R	104					
Dairyland	DS6805	STX	CM,C2	105					
Dairyland	DS6905	STX	CM,C2	105					
Dairyland	DS9305RA	STX,B	CM,C2	105					
Dekalb	DKC53-56RIB CK	STX,B	AC,P5V	103					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Gold Country	105-49RSS	STX,B	AC,P5V	105					
Latham	LH5215VT2PRORIB	VT2P,B	AC,P2	102					
Latham	LH5219SSRIB	STX,B	AC,P5V	102					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
Latham	LH5574-3000GT	3000GT	CM,C2	105					
LG Seeds	LG5502STX	STX	AC,P5V	102					
LG Seeds	LG5518STXRIB	STX,B	AC,P5V	104					
LG Seeds	LG5523STX	STX	AC,P5V	105					
NuTech/G2 Gen	5F-805^	AM,B	MQ,P5V	105					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5H-905^	HX,RR2	MQ,P5V	105					
NuTech/G2 Gen	5Z-002^	OI	MQ,P1V,R	102					
Pfister	2225RA	STX,B	CM,C2	102					
Pfister	2313RA	STX,B	CM,C2	104					
Pfister	2399GT3000	3000GT	CM,C2	104					
Prairie Brand	1041RA	STX,B	CM,C2	104					
Prairie Brand	5495SX	STX	CM,C2	104					
Prairie Brand	5624GT	GT	CM,C2	105					
Prairie Brand	X1457SX	STX	CM,C2	104					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Renk	RK666SSTX	STX,B	AC,P2	102					
Renk	RK699SSTX	STX,B	AC,P2	105					
Renk	RK752SSTX	STX,B	AC,P2	105					
Renze	3174RA	STX,B	CM,C2	102					
TA Seeds	TA524-22DPRIB	VT2P,B	CM,C2	102					
TA Seeds	TA544-28RIB	STX,B	CM,C2	104					
Titan Pro	1M02-SS	STX,B	AC,P5V	102					
Titan Pro	2M04-2P	VT2P,B	AC,P2	104					
Titan Pro	TP 39-02 SS	STX,B	AC,P5V	102					
Titan Pro	TP 39-05 SS	STX,B	AC,P5V	105					
Viking	C78-05R	VT3P,B	AC,P2	105					
Wensman	W 7330VT3PRIB	VT3P,B	AC,P5V	104					
Wensman	W 91051STX	STX	AC,P5V	105					

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® 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)
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	Accelaron® 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.