

2013 Corn Grain Top 30 Harvest Report
 Minnesota Southwest [MNSW] REDWOOD FALLS
 Steve Prokosch, Redwood County, MN 56283



PREV. CROP/HERB: Soybean / Glyphosate (twice)
 SOIL DESCRIPTION: Normania clay loam, mod. well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.6 pH, 5.5% OM
 PEST MANAGEMENT: Force, TripleFlex
 FERTILITY - Applied N: 180 Fall
 Applied N-P-K (units): 180-80-80
 SEEDED - RATE - ROW: May 13 35,319 /A 30" spacing
 HARVESTED - STAND: Oct 21 34,400 /A

Early-Season Test
96 - 101 Day CRM
 B2013MNSW10a

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
Wensman	W 91011STX	STX	AC,P2	101	202.8	16.9	0	32.1	903	2
Channel	195-58STXRIB	STX,B	AC,P5V	95	202.1	14.2	0	33.9	909	1
NuTech/G2 Gen	5X-698	HXT,RR2	MQ,P1V,R	98	198.6	15.7	0	28.8	890	3
Titan Pro	TP 39-00 SS	STX	AC,P5V	100	198.6	15.9	0	34.4	889	4
Jung	7S506RIB	STX,B	AC,P5V	100	197.7	15.5	0	35.7	887	5
Wyffels	W2277RIB	VT3P,B	AC,P5V	100	196.2	15.1	0	32.6	882	6
LG Seeds	LG2501VT3PRIB	VT3P,B	AC,P5V	100	195.9	15.2	0	34.4	881	7
Prairie Brand	1022SX	STX	CM,C1	100	195.7	17.7	0	34.8	867	14
Anderson	537R	RR2	M	101	195.6	14.4	0	35.7	880	8
Channel	199-29STXRIB	STX,B	AC,P5V	99	195.3	15.2	0	34.8	878	9
LG Seeds	LG5444VT3PRIB	VT3P,B	AC,P5V	96	195.1	14.8	0	35.7	878	10
Anderson	588VT3P	VT3P	CE,C2	101	194.8	15.9	0	30.7	872	11
Gold Country	98-38RSS	STX,B	AC,P5V	98	194.7	16.0	0	36.2	871	12
Jung	7S417RIB	STX,B	AC,P5V	96	193.2	14.8	0	34.8	869	13
Viking	E62-00R	VT2P,B	AC,P2	100	193.1	16.3	0	35.3	863	17
Jung	7S522RIB	STX,B	AC,P5V	101	192.9	17.2	0	33.5	857	19
Wyffels	X1807	VT3P	AC,P5V	97	192.1	13.7	0	35.3	864	15
Wyffels	W1687RIB	VT3P,B	AC,P5V	96	192.1	13.9	0	35.3	864	16
Channel	197-68STXRIB	STX,B	AC,P5V	97	191.3	16.0	0	36.2	856	20
Dahlman	R50-33VT3PRIB	VT3P,B	AC,P2	100	190.9	14.9	0	34.4	859	18
Producers	6108STXRIB	STX,B	AC,P5V	101	189.1	17.4	2	35.3	840	24
Channel	196-77STXRIB	STX,B	AC,P5V	96	189.0	14.2	0	36.2	851	21
Wyffels	W1787RIB	VT3P,B	AC,P5V	96	189.0	14.9	0	34.8	851	22
Pioneer	P0193AM GC	AM,B	CM,C2	101	188.3	15.2	0	35.3	846	23
Mustang	5850GENSS	STX	AC,P2	100	186.9	17.0	0	34.4	832	28
NuTech/G2 Gen	5H-399	HX,RR2	MQ,C2	99	185.9	15.2	0	35.7	836	25
Titan Pro	TP 39-98 SS	STX	AC,P5V,Z	98	185.8	15.6	0	35.7	833	27
Renk	RK568VT3P	VT3P	AC,P2	95	185.6	15.1	0	34.4	835	26
Dekalb	DKC50-77RIB GC	VT3P,B	AC,P2	100	184.3	15.2	0	33.5	828	29
Dairyland	DS9898RA	STX,B	CM,C2	98	184.3	15.4	1	32.6	828	30
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102	172.8	15.4	0	34.8	776	56

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Test Average = **183.9** **15.3** **0** **34.4** **825**
 LSD (0.10) = 18.3 0.9 1
 C.V. = 7.3 4.2

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

Test Comments: A cold, wet April delayed planting. Emergence and early growth were excellent. This plot site looked amazing during stand counts in mid-June. Steve noted that temps were excellent for ear determination, but it became quite dry at stage V7. No frost until mid-October, allowing all varieties to reach black layer. Yields were markedly lower in areas that were lower on this level site.

† 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 CONDITION: High P, high K, 6.6 pH, 5.5% OM
 PEST MANAGEMENT: Force, TripleFlex
 FERTILITY - Applied N: 180 Fall
 Applied N-P-K (units): 180-80-80
 SEEDING - RATE - ROW: May 13 35,319 /A 30" spacing
 HARVESTED - STAND: Oct 21 34,300 /A

Full-Season Test
102 - 105 Day CRM
 B2013MNSW10b

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
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103	208.7	18.0	0	34.4	923	1
Renze	2224-3000GT	3000GT	CM,C2	104	206.4	17.4	11	35.3	916	3
NuTech/G2 Gen	5H-502	HX,RR2	MQ,C2	102	206.1	16.7	0	33.5	919	2
Pioneer	P0533AM1 GC	AM1,B	CM,C2	105	206.1	18.3	6	33.5	910	7
Titan Pro	TP 39-02 SS	STX	AC,P5V,Z	102	205.5	16.7	0	34.8	916	4
Viking	C78-05R	VT3P,B	AC,P2	105	205.4	16.7	10	36.2	916	5
Gold Country	105-49RSS	STX,B	AC,P5V	105	205.3	18.7	0	35.8	905	10
Pfister	2225SS	STX	CM,C2	102	205.2	18.3	0	35.3	906	9
Wyffels	W3007RIB	VT3P,B	AC,P5V	103	204.7	16.9	0	36.2	911	6
Titan Pro	TP 39-05 SS	STX	AC,P2,Z	105	203.9	19.0	0	34.4	897	12
Mustang	6604GENVT3P	VT3P	AC,P2	104	203.7	16.7	2	35.8	908	8
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	201.5	19.9	0	34.4	882	19
Gold Country	102-88RSS	STX,B	AC,P5V	102	201.4	18.7	2	33.5	888	15
Channel	203-44STXRIB	STX,B	AC,P5V	103	201.2	17.8	0	33.5	891	14
LG Seeds	LG5522VT3PRIB	VT3P,B	AC,P5V	103	201.1	19.4	0	34.8	883	17
Wyffels	W4797RIB	VT3P,B	AC,P5V	106	201.0	17.4	0	34.4	892	13
Wensman	W 9325STXRIB	STX,B	AC,P2	102	200.9	18.8	3	35.8	885	16
Jung	7S577RIB	STX,B	AC,P5V	104	199.7	19.7	0	35.3	875	22
Producers	6318STX	STX	AC,P5V	103	198.8	17.4	0	35.3	883	18
Renze	3174SST	STX	CM,C2	102	198.5	18.0	0	34.8	878	20
Producers	6394VT3Pro	VT3P	AC,P5V	103	196.4	16.6	1	34.4	876	21
Trelay	6ST541RIB	STX,B	AC,P5V	104	196.0	19.1	0	34.8	862	25
Jung	7S565RIB	STX,B	AC,P5V	103	195.2	17.9	0	31.1	864	23
Stine	9425SS	STX	AC,P2	102	194.1	17.4	0	34.8	862	26
Gold Country	103-15RSS	STX,B	AC,P5V	103	193.7	18.1	0	32.1	857	27
Wyffels	W3998	STX	AC,P5V	105	193.6	18.5	0	34.8	854	29
Wensman	W 7320VT3PRIB	VT3P,B	AC,P2	101	193.3	16.2	0	35.3	864	24
NuTech/G2 Gen	3D-802AMX	AMX-R,B	MQ,C2	102	193.1	17.7	3	35.3	856	28
Renk	RK752SSTX	STX,B	AC,P5V	105	191.6	19.4	0	36.2	841	31
Mustang	6803GENSS	STX	AC,P2	103	189.7	17.0	0	34.8	844	30
Dekalb	DKC52-04RIB CK	VT3P,B	AC,P2	102	201.1	16.3	0	33.5	898	11

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Test Average = **193.2** **18.1** **1** **34.3** **854**
 LSD (0.10) = 15.8 1.7 4
 C.V. = 6.0 6.8

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

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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.