

## 2015 Corn Grain Top 30 Harvest Report

Minnesota Southwest [ MNSW ] TRACY

Brian Hicks, Lyon County, MN 56175



Test by: IMQ, LLC, New Richland, MN

PREV. CROP/HERB: Corn / FlexStar, Roundup  
 SOIL DESCRIPTION: Canisteo-Letri silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 6.8 pH, 4.1% OM  
 PEST MANAGEMENT: Force, Harness, Status, Accent  
 FERTILITY - Applied N: 160 Fall  
 Applied N-P-K (units): 160-60-60  
 SEEDING - RATE - ROW: Apr 28 35,600 /A 30" spacing  
 HARVESTED - STAND: Oct 22 30,900 /A

### Early-Season Test

96 - 101 Day CRM

B2015MNSW12a

### Top 30 of 63

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5501VT2P	VT2P	100	<b>227.9</b>	10.3	0	33.5	775	1
Prairie Brand	5026SX	STX	100	221.7	9.8	0	32.1	754	2
NuTech	5N-0108	3011,A	101	220.7	10.7	0	32.1	750	3
LG Seeds	LG5470STXRIB	STX,B	98	220.2	10.4	0	30.7	749	4
Latham	LH4955VT2ProRIB	VT2P,B	99	219.7	10.4	0	30.7	747	5
Dairyland	DS9599	3000GT	99	215.4	10.2	7	33.5	732	6
NuTech/G2 Gen	5Z-0107^	OI	101	215.2	10.6	0	31.4	732	7
LG Seeds	LG5499STXRIB	STX,B	100	213.1	10.5	0	35.5	725	8
Blue River	37K90	None	95	212.5	11.1	1	32.1	723	9
Latham	LH4859SSRIB	STX,B	98	211.9	10.0	0	31.4	720	10
Prairie Brand	4895GT3	3000GT	98	211.8	10.7	0	30.0	720	11
Renk	RK612SSTX	STX	100	210.2	10.7	0	31.4	715	12
Rob-See-Co	Innotech IC5112^	3011A	101	209.9	11.2	0	32.8	714	13
Titan Pro	TP 39-98 SS	STX,B	98	208.9	10.4	1	27.9	710	14
Renk	RK633SSTX	STX,B	101	208.3	10.4	0	30.0	708	15
Renk	RK680SSTX	STX	101	207.7	10.8	0	30.0	706	16
Federal	4440VT3P	VT3P	94	206.8	10.5	0	27.2	703	17
Gold Country	98-38RSS	STX,B	98	206.0	10.2	0	30.7	700	18
Wyffels	W2308RIB	STX,B	100	205.9	10.6	0	32.1	700	19
Channel	197-50STXRIB	STX,B	97	205.8	10.6	0	27.2	700	20
Latham	LH5175VT2Pro	VT2P	101	204.8	10.1	0	30.7	696	21
Rob-See-Co	Innotech IC4903^	3111A	99	203.3	10.4	1	33.5	691	23
Channel	196-77STXRIB	STX,B	96	202.8	10.6	0	30.7	690	24
NuTech/G2 Gen	5F-196^	AM,B	96	202.3	10.4	0	27.2	688	25
Blue River	43T35	None	98	200.7	10.1	0	32.1	682	26
Enestvedt	E695SSRIB	STX,B	100	200.7	10.3	0	30.7	682	27
Channel	197-66VT2PRIB	VT2P,B	97	200.6	10.4	0	31.4	682	28
Enestvedt	E696SSRIB	STX,B	100	200.6	11.1	0	31.4	682	29
Latham	LH4729SS	STX	97	199.0	9.7	0	30.7	677	30
Mustang	4298GENSS	STX	98	198.8	10.1	0	33.5	676	31
Dekalb	DKC52-84RIB CK	STX,B	102	204.4	10.8	0	28.6	695	22

Mark Querna

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Averages =	<b>195.2</b>	<b>10.5</b>	<b>0</b>	<b>30.9</b>	<b>664</b>
LSD (0.10) =	26.9	0.5	1		
LSD (0.25) =	18.7	0.4	1		
C.V. =	8.3	3.1			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.40; non-GMO = \$3.40

**Test Comments:** *The weather was cool early, slowing early growth, but plants were not stressed all season. Corn matured normally, as no killing frost was recorded here until October 16. This site had unexpected variation in the front replication of both tests. That replication was removed from this report. Brian stated that the corn-after-corn field surrounding this plot site averaged over 200 bpa.*

† 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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 SOIL CONDITION: High P, high K, 6.8 pH, 4.1% OM  
 PEST MANAGEMENT: Force, Harness, Status, Accent  
 FERTILITY - Applied N: 160 Fall  
 Applied N-P-K (units): 160-60-60  
 SEEDING - RATE - ROW: Apr 28 35,600 /A 30" spacing  
 HARVESTED - STAND: Oct 22 31,200 /A

### Full-Season Test

102 - 105 Day CRM

B2015MNSW12b

### Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Federal	5245VT2PRIB	VT2P,B	102	<b>238.0</b>	11.5	0	31.4	809	1
Latham	LH5509SSRIB	STX,B	105	<b>232.5</b>	12.7	0	30.7	791	2
Pioneer	P0448AM1 GC	AM1,B	104	<b>229.1</b>	11.8	0	30.7	779	3
Wyffels	W4796RIB	VT2P,B	106	225.0	11.4	0	27.9	765	4
Viking	D52-05RL	STX,B	105	223.7	12.7	0	30.0	761	5
NuTech/G2 Gen	5Z-504^	OI	104	222.1	12.7	0	30.7	755	6
Pioneer	P0157AMX GC	AMX,AQ,B	101	220.3	12.0	0	32.1	749	7
Mustang	6802GENSS	STX	102	218.6	11.6	0	32.1	743	8
Titan Pro	2M04-2P	VT2P,B	104	218.3	11.5	0	32.1	742	9
Titan Pro	TP 53-03 2P	VT2P	103	215.5	11.1	0	33.5	733	10
Latham	LH5215VT2ProRIB	VT2P,B	102	214.8	11.5	0	32.1	730	11
Pfister	65B1	STX	105	214.4	12.2	0	34.2	729	12
Latham	LH5479SSRIB	STX,B	104	211.2	11.9	0	34.2	718	13
Anderson	5674	None	105	210.7	13.1	1	34.2	716	14
Dairyland	DS9805	STX	105	210.4	11.4	0	30.0	715	15
NuTech/G2 Gen	5K-0208^	OIXT	102	210.2	11.3	0	30.7	715	16
NuTech/G2 Gen	5X-806^	HXT,RR2	106	209.8	12.4	0	32.8	713	17
Viking	72-04N	None	104	209.6	10.5	1	32.1	713	18
Latham	LH5259SSRIB	STX,B	102	208.9	11.4	0	26.5	710	19
Blue River	49K70 GC	None	102	208.9	12.4	1	30.7	710	20
Pfister	2385	HXT,RR2	104	207.5	11.4	0	32.8	706	21
LG Seeds	LG5507STX	STX	103	207.1	11.5	0	32.8	704	22
Mustang	7805GENSS	STX,B	105	206.7	13.3	0	32.1	703	23
Wyffels	W3358RIB	STX,B	103	206.6	12.1	0	33.5	702	24
Blue River	49R39 GC	None	102	206.2	11.0	0	30.0	701	25
LG Seeds	LG5502STXRIB	STX,B	102	204.4	11.8	0	28.6	695	26
Blue River	53H36 GC	None	104	204.0	12.0	0	30.0	694	27
Prairie Brand	5495SX	STX	104	203.7	11.6	0	34.2	693	29
Pioneer	P0297AMXT GC	AMXT,AQ,B	102	203.7	11.6	0	33.5	693	30
Blue River	52F35	None	104	203.5	12.1	0	32.8	692	31
Dekalb	DKC52-84RIB CK	STX,B	102	203.8	10.9	0	33.5	693	28

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Averages =	<b>206.7</b>	<b>11.8</b>	<b>0</b>	<b>31.2</b>	<b>703</b>
LSD (0.10) =	22.1	0.9	0		
LSD (0.25) =	15.3	0.6	0		
C.V. =	6.4	4.5			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.40; non-GMO = \$3.40

**Test Comments:** *The weather was cool early, slowing early growth, but plants were not stressed all season. Corn matured normally, as no killing frost was recorded here until October 16. This site had unexpected variation in the front replication of both tests. That replication was removed from this report. Brian stated that the corn-after-corn field surrounding this plot site averaged over 200 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,D,At	101	Renk	RK612SSTX	STX	AC,P5V	100
Anderson	6073	None	M,D,At	101	Renk	RK633SSTX	STX,B	AC,P5V	101
Anderson	6284	None	CM,C2	98	Renk	RK680SSTX	STX	AC,P5V	101
Anderson	684R	RR2	AC,P2	95	Rob-See-Co	Innotech IC4903^	3111A	CM,C2	99
Blue River	37K90	None	M	95	Rob-See-Co	Innotech IC5112^	3011A	CM,C2	101
Blue River	43T35	None	M	98	Thunder	101-97SSRIB	STX,B	AC,C2	97
Channel	196-77STXRIB	STX,B	AC,P5V	96	Thunder	4600CONV	None	AC,C2	100
Channel	197-50STXRIB	STX,B	AC,P5V	97	Titan Pro	TP 31-01 3011A	3011A	AVC,C5	101
Channel	197-66VT2PRIB	VT2P,B	AC,P5V	97	Titan Pro	TP 39-00 SS	STX,B	AC,P5V	100
Dairyland	DS9198	STX	CM,C5,Vi,In	98	Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Dairyland	DS9599	3000GT	CM,C5,Vi,In	99	Titan Pro	TP 58-01 2P	VT2P	AC,P2	101
Dairyland	DS9701	STX	CM,C5,Vi,In	101	Viking	57-01N	None	CM,C2	101
Dekalb	DKC48-12RIB	STX,B	AC,P5V	98	Viking	C94-01R	VT3P,B	AC,P2	101
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102	Viking	T51-01R	GT,A	CM,C2	101
Dyna-Gro	D41SS71RIB	STX,B	AC,P5V	101	Wyffels	W1528	STX	AC,P5V	95
Enestvedt	E695SSRIB	STX,B	AC,P5V	100	Wyffels	W1698RIB	STX,B	AC,P5V	97
Enestvedt	E696SSRIB	STX,B	AC,P5V	100	Wyffels	W2276RIB	VT2P,B	AC,P5V	100
Federal	4440VT3P	VT3P	AC,P2	94	Wyffels	W2308RIB	STX,B	AC,P5V	100
Federal	5050VT2PRIB	VT2P,B	AC,P2	100					
Gold Country	97-17RSS	STX,B	AC,P5V	97					
Gold Country	98-38RSS	STX,B	AC,P5V	98					
Golden Harvest	G95D32-3110	3110	AVC,C2,Vi	95					
Latham	LH4729SS	STX	AC,P5V	97					
Latham	LH4859SSRIB	STX,B	AC,P5V	98					
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99					
Latham	LH5175VT2Pro	VT2P	AC,P5	101					
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98					
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100					
LG Seeds	LG5501VT2P	VT2P	AC,P5V	100					
Mustang	0598	None	AC,P2V	98					
Mustang	0995	None	AC,P2V	95					
Mustang	4298GENSS	STX	AC,P5V	98					
NuTech	5N-0108	3011,A	CM,C2	101					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96					
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98					
NuTech/G2 Gen	5Z-0107^	OI	MQ,P1V,R	101					
Pfister	1740RA	STX,B	CM,C5,Vi,In	98					
Pfister	56A1G3	3000GT	CM,C5,Vi,In	96					
Pfister	57A1	HXT,RR2	AC,P5V	97					
Pfister	60B1	HXT,RR2	AC,P5V	100					
Pioneer	P9834AMX GC	AMX,B	MQ,C2	98					
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,In	98					
Prairie Brand	4995RA	STX,B	CM,C5,Vi,In	99					
Prairie Brand	5026SX	STX	AC,P5V	100					
Renk	RK596SSTX	STX,B	AC,P5V	98					

2015 Corn Grain - Minnesota Southwest [ MNSW ]



**Full-Season Test Products (45 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Anderson	5674	None	M,D,At	105					
Blue River	49K70 GC	None	M	102					
Blue River	49R39 GC	None	M	102					
Blue River	52F35	None	M	104					
Blue River	53H36 GC	None	M	104					
Dairyland	DS9203	STX	CM,C5,Vi,In	103					
Dairyland	DS9805	STX	CM,C5,Vi,In	105					
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102					
Dekalb	DKC53-78RIB	STX,B	AC,P5V	103					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Dyna-Gro	D43SS50	STX	AC,P5V	103					
Federal	5245VT2PRIB	VT2P,B	AC,P2	102					
Gold Country	102-88RSS	STX,B	AC,P5V	102					
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102					
Latham	LH5259SSRIB	STX,B	AC,P5V	102					
Latham	LH5479SSRIB	STX,B	AC,P5V	104					
Latham	LH5509SSRIB	STX,B	AC,P5V	105					
LG Seeds	LG5502STXRIB	STX,B	AC,P5V	102					
LG Seeds	LG5507STX	STX	AC,P5V	103					
LG Seeds	LG5523STXRIB	STX,B	AC,P5V	105					
Mustang	6802GENSS	STX	M,D,P2	102					
Mustang	7805GENSS	STX,B	AC,P5V	105					
NuTech/G2 Gen	5H-502^	HX,RR2	MQ,P5V	102					
NuTech/G2 Gen	5K-0208^	OIXT	MQ,P1V,R	102					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-504^	OI	MQ,P1V	104					
Pfister	2385	HXT,RR2	CM,C5,Vi,In	104					
Pfister	65B1	STX	CM,C5,Vi,In	105					
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2	101					
Pioneer	P0297AMXT GC	AMXT,AQ,B	MQ,C2	102					
Pioneer	P0339AMXT GC	AMXT,AQ,B	MQ,C2,Lu	103					
Pioneer	P0448AM1 GC	AM1,B	MQ,C2	104					
Prairie Brand	5236SX	STX	CM,C5,Vi,In	102					
Prairie Brand	5385SX	STX	CM,C5,Vi,In	103					
Prairie Brand	5495SX	STX	CM,C5,Vi,In	104					
Renk	RK666SSTX	STX,B	AC,P5V	102					
Renk	RK699SSTX	STX,B	AC,P5V	105					
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					
Titan Pro	TP 53-03 2P	VT2P	AC,P2	103					
Viking	72-04N	None	CM,C2	104					
Viking	D52-05RL	STX,B	AC,P5V	105					
Wyffels	W3358RIB	STX,B	AC,P5V	103					
Wyffels	W4796RIB	VT2P,B	AC,P2	106					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. Innotech™ brand seed is distributed by Rob-See-Co, LLC. 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®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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

### Corn Seed Treatments\*\*

?	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	Lu	Lumivia™
At	Actellic®	M	Maxim XL®
AVC	Avicta® Complete Corn	MQ	Maxim Quattro®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	None	untreated
CE	Cruiser Extreme®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CM	CruiserMaxx® Corn	R	Raxil® (tebuconazole)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Vi	Vibrance®

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