

2015 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/ fall till, non-irrigated
SOIL CONDITION: High P, high K, 6.9 pH, 4.2% OM
PEST MANAGEMENT: Force, Harness, Status
FERTILITY - Applied N: 30 Fall, 110 Spring
Applied N-P-K (units): 140-50-60
SEEDING - RATE - ROW: Apr 23 35,600 /A 30" spacing
HARVESTED - STAND: Oct 20 30,600 /A

Early-Season Test
96 - 101 Day CRM
B2015MNSW07a

Top 30 of 63

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Enestvedt	E696SSRIB	STX,B	100	241.5	12.7	0	31.6	821	1
Titan Pro	TP 58-01 2P	VT2P	101	236.0	12.7	0	30.2	802	2
Gold Country	98-38RSS	STX,B	98	233.2	12.5	0	32.5	793	3
Renk	RK680SSTX	STX	101	230.8	12.7	0	29.7	785	4
Prairie Brand	5026SX	STX	100	226.5	12.4	0	30.2	770	6
LG Seeds	LG5501VT2P	VT2P	100	224.7	12.0	1	26.9	764	7
Latham	LH4955VT2ProRIB	VT2P,B	99	224.3	12.2	0	31.1	763	8
Dairyland	DS9701	STX	101	224.0	12.5	0	26.5	762	9
Renk	RK596SSTX	STX,B	98	223.5	12.4	0	31.1	760	10
Channel	197-66VT2PRIB	VT2P,B	97	222.6	12.7	0	32.5	757	11
Channel	197-50STXRIB	STX,B	97	221.3	11.8	0	28.8	752	12
Pfister	1740RA	STX,B	98	220.7	12.8	5	27.9	750	13
Wyffels	W2276RIB	VT2P,B	100	220.2	12.6	3	30.2	749	14
Latham	LH4859SSRIB	STX,B	98	220.1	12.2	1	27.4	748	15
Pfister	60B1	HXT,RR2	100	219.6	12.2	1	28.8	747	16
Thunder	4600CONV	None	100	219.4	12.3	0	29.3	746	17
Prairie Brand	4995RA	STX,B	99	219.2	12.9	0	27.9	745	18
LG Seeds	LG5499STXRIB	STX,B	100	218.8	13.1	5	33.0	744	19
Wyffels	W1698RIB	STX,B	97	218.7	12.0	0	31.6	744	20
Latham	LH5175VT2Pro	VT2P	101	218.4	12.6	0	30.7	743	21
Titan Pro	TP 39-98 SS	STX,B	98	218.3	12.4	1	35.3	742	22
Gold Country	97-17RSS	STX,B	97	218.1	12.6	5	30.2	742	23
NuTech/G2 Gen	5F-198^	AM,B	98	217.0	11.8	0	28.3	738	24
Renk	RK633SSTX	STX,B	101	217.0	13.0	9	30.2	738	25
Dyna-Gro	D41SS71RIB	STX,B	101	216.8	12.4	0	32.5	737	26
Titan Pro	TP 39-00 SS	STX,B	100	216.6	12.3	3	31.6	736	27
Federal	5050VT2PRIB	VT2P,B	100	215.9	11.7	0	33.0	734	28
NuTech/G2 Gen	5Z-0107^	OI	101	215.7	12.6	0	31.6	733	29
NuTech/G2 Gen	5F-196^	AM,B	96	215.5	12.8	0	31.1	733	30
Anderson	6073	None	101	215.2	13.4	0	27.9	732	31
Dekalb	DKC52-84RIB CK	STX,B	102	228.0	12.2	0	27.9	775	5
Averages =				212.0	12.5	4	30.6	721	
LSD (0.10) =				13.4	0.5	15			
LSD (0.25) =				9.4	0.4	10			
C.V. =				4.7	3.0				

Mark Querna

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

Test Comments: *Cool, wet conditions prevailed from April through mid-May. Rainfall was ideal through the summer, other than two weeks during pollination. The moderate temps kept the plants healthy, and warmer temps in Sept. pushed this crop to maturity with good test weight. Harvest grain moistures were very low. Stalk lodging from a windy day in October caused havoc with some hybrids.*

† 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, 6.9 pH, 4.2% OM
PEST MANAGEMENT: Force, Harness, Status
FERTILITY - Applied N: 30 Fall, 110 Spring
Applied N-P-K (units): 140-50-60
SEDED - RATE - ROW: Apr 23 35,600 /A 30" spacing
HARVESTED - STAND: Oct 20 30,800 /A

Full-Season Test
102 - 105 Day CRM
B2015MNSW07b

Top 30 of 45

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5Z-504^	OI	104	243.3	13.8	1	31.1	827	1
Mustang	7805GENSS	STX,B	105	236.1	13.6	0	29.7	803	2
Wyffels	W4796RIB	VT2P,B	106	236.0	14.0	0	29.7	802	3
NuTech/G2 Gen	5X-806^	HXT,RR2	106	234.1	13.8	3	33.9	796	4
Latham	LH5259SSRIB	STX,B	102	233.9	12.6	0	34.4	795	5
LG Seeds	LG5507STX	STX	103	233.8	14.0	5	33.5	795	6
NuTech/G2 Gen	5H-502^	HX,RR2	102	230.8	12.7	1	29.3	785	7
Titan Pro	2M04-2P	VT2P,B	104	230.6	12.8	10	33.0	784	8
Latham	LH5215VT2ProRIB	VT2P,B	102	229.4	12.6	12	33.9	780	9
Dairyland	DS9203	STX	103	228.7	15.5	0	32.5	775	12
Titan Pro	TP 39-02 SS	STX,B	102	228.5	13.1	0	26.0	777	11
Viking	D52-05RL	STX,B	105	226.9	13.7	3	29.7	771	13
Titan Pro	TP 39-05 SS	STX,B	105	226.8	14.3	0	27.4	771	14
Latham	LH5509SSRIB	STX,B	105	226.2	14.7	3	27.4	769	15
Dyna-Gro	D43SS50	STX	103	225.6	13.4	0	30.7	767	16
Pioneer	P0157AMX GC	AMX,AQ,B	101	224.8	13.0	0	31.6	764	17
Blue River	49K70 GC	None	102	224.3	15.6	3	32.1	759	21
Pfister	65B1	STX	105	223.9	14.8	0	32.1	761	18
Prairie Brand	5495SX	STX	104	223.5	13.5	3	29.7	760	19
Titan Pro	TP 53-03 2P	VT2P	103	223.4	12.9	0	28.8	760	20
Gold Country	102-88RSS	STX,B	102	223.2	12.5	3	31.1	759	22
Renk	RK666SSTX	STX,B	102	221.4	12.5	0	28.3	753	23
Pioneer	P0448AM1 GC	AM1,B	104	219.1	13.4	0	29.3	745	24
Blue River	49R39 GC	None	102	218.9	13.3	3	29.7	744	25
Viking	72-04N	None	104	218.7	12.3	21	31.1	744	26
Federal	5245VT2PRIB	VT2P,B	102	218.3	12.9	7	30.2	742	27
Blue River	52F35	None	104	216.4	13.7	1	29.7	736	28
Blue River	53H36 GC	None	104	215.7	15.0	7	31.6	733	29
Dekalb	DKC54-38RIB GC	STX,B	104	215.4	13.0	0	29.7	732	30
LG Seeds	LG5502STXRIB	STX,B	102	214.6	13.7	0	29.3	730	31
Dekalb	DKC52-84RIB CK	STX,B	102	229.2	12.3	5	29.7	779	10

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Averages = **218.4** **13.6** **4** **30.8** **742**
LSD (0.10) = 16.7 0.7 13
LSD (0.25) = 11.6 0.5 9
C.V. = 5.6 4.1

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

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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	98	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.