

2015 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Early-Season Test

96 - 101 Day CRM


B2015MNSWa

Top 30 of 63

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Easton	Jeffers	Redwood Falls			
				Bu/A	%	%	\$/A	Rank			Jackson	Lake Crystal	Tracy‡	
LG Seeds	LG5501VT2P	VT2P	100	228.8	12.8	2	778	1	194.0	224.7	219.1	232.1	240.0	227.9
Enestvedt	E696SSRIB	STX,B	100	223.9	13.5	0	761	3	179.0	241.5	208.8	223.4	245.3	200.6
Titan Pro	TP 58-01 2P	VT2P	101	222.1	13.5	0	755	4	148.9	236.0	213.1	221.0	242.9	197.3
Gold Country	98-38RSS	STX,B	98	221.5	13.0	1	753	5	168.5	233.2	203.6	230.6	233.9	206.0
Renk	RK680SSTX	STX	101	218.4	13.5	0	743	6	194.9	230.8	205.4	213.1	235.2	207.7
Latham	LH4859SSRIB	STX,B	98	217.3	12.8	1	739	7	187.7	220.1	213.3	224.8	216.6	211.9
LG Seeds	LG5470STXRIB	STX,B	98	217.0	13.1	7	738	8	189.3	213.5	208.3	222.0	220.8	220.2
Prairie Brand	5026SX	STX	100	216.9	12.9	4	737	9	179.4	226.5	212.6	214.5	209.4	221.7
Renk	RK612SSTX	STX	100	216.6	13.6	2	736	10	189.3	210.3	205.2	218.5	238.7	210.2
Channel	197-66VT2PRIB	VT2P,B	97	216.3	13.2	4	735	11	149.4	222.6	212.4	219.0	227.1	200.6
LG Seeds	LG5499STXRIB	STX,B	100	216.3	13.6	5	735	12	189.3	218.8	205.9	206.5	237.2	213.1
Titan Pro	TP 39-00 SS	STX,B	100	215.4	12.3	1	732	13	131.4	216.6	205.9	224.8	234.8	194.8
Prairie Brand	4895GT3	3000GT	98	215.3	12.8	28	732	14	169.5	211.2	214.9	224.6	214.1	211.8
Latham	LH4955VT2ProRIB	VT2P,B	99	214.9	12.8	0	731	15	169.5	224.3	197.9	214.6	218.1	219.7
Renk	RK596SSTX	STX	98	213.8	13.1	1	727	16	179.3	223.5	207.0	225.8	217.8	195.1
NuTech	5N-0108	3011,A	101	213.8	13.4	5	727	17	199.2	202.6	204.9	215.3	225.6	220.7
Wyffels	W2276RIB	VT2P,B	100	213.2	13.2	1	725	18	199.4	220.2	224.6	216.0	224.4	180.8
Gold Country	97-17RSS	STX,B	97	212.8	12.8	3	724	19	189.3	218.1	203.8	211.8	239.6	190.8
Renk	RK633SSTX	STX,B	101	212.3	13.4	5	722	20	179.5	217.0	204.1	214.5	217.8	208.3
NuTech/G2 Gen	5Z-0107^	OI	101	211.7	13.5	0	720	21	199.4	215.7	192.4	215.8	219.5	215.2
Channel	197-50STXRIB	STX,B	97	211.4	13.0	5	719	22	189.3	221.3	196.4	213.8	219.5	205.8
Anderson	6284	None	98	211.2	13.3	2	718	23	189.7	212.9	200.6	220.2	229.3	193.2
Blue River	37K90	None	95	210.9	13.7	15	717	24	179.5	201.0	197.7	215.1	228.4	212.5
NuTech/G2 Gen	5F-196^	AM,B	96	210.8	13.0	0	717	25	189.7	215.5	199.1	218.2	219.1	202.3
Channel	196-77STXRIB	STX,B	96	210.7	12.9	0	716	26	189.7	212.3	211.0	209.2	218.3	202.8
Titan Pro	TP 31-01 3011A	3011A	101	210.0	13.9	5	714	27	155.6	213.8	198.2	210.8	235.5	191.5
Dairyland	DS9701	STX	101	209.5	12.9	0	712	28	184.6	224.0	208.9	206.2	226.4	182.2
Mustang	0598	None	98	209.5	13.3	1	712	29	170.4	206.3	218.1	213.1	224.7	185.4
Dyna-Gro	D41SS71RIB	STX,B	101	209.2	13.6	4	711	30	186.3	216.8	206.5	217.8	229.2	175.5
Pfister	60B1	HXT,RR2	100	208.6	12.7	1	709	31	143.6	219.6	199.3	209.8	218.0	196.5
Dekalb	DKC52-84RIB CK	STX,B	102	225.6	12.9	1	767	2	164.2	228.0	219.3	233.9	242.3	204.4

Data Rejected - Not in Summary

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	208.3	13.1	4	708	168.2	212.0	202.4	212.8	219.2	195.2
	LSD (0.10) =	8.8	0.5	6		36.1	13.4	14.8	14.1	17.0	26.9
	LSD (0.25) =	6.2	0.4	4		25.2	9.4	10.3	9.8	11.8	18.7

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 11/08/2015 Revised:

2015 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Full-Season Test
102 - 105 Day CRM

B2015MNSWb

Top 30 of 45
For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Easton	Jeffers	Redwood Falls			
				Bu/A	%	%	\$/A	Rank	Jackson	Lake Crystal	Tracy‡			
Wyffels	W4796RIB	VT2P,B	106	231.2	14.5	0	786	1	133.0	236.0	218.5	229.7	246.6	225.0
Latham	LH5509SSRIB	STX,B	105	230.8	16.0	2	779	2	189.6	226.2	199.4	243.8	252.2	232.5
NuTech/G2 Gen	5Z-504^	OI	104	228.2	15.0	1	776	3	205.4	243.3	211.5	225.4	238.8	222.1
Viking	D52-05RL	STX,B	105	227.7	15.2	1	773	4	217.3	226.9	216.7	231.9	239.2	223.7
LG Seeds	LG5507STX	STX	103	224.3	14.3	2	763	5	192.2	233.8	217.8	228.7	234.3	207.1
Dairyland	DS9203	STX	103	224.1	15.7	0	758	6	191.1	228.7	207.7	232.8	256.3	194.9
Pioneer	P0448AM1 GC	AM1,B	104	222.8	15.0	2	758	7	141.6	219.1	220.2	208.6	237.2	229.1
NuTech/G2 Gen	5H-502^	HX,RR2	102	221.5	14.1	0	753	9	181.1	230.8	214.8	224.5	240.0	197.6
Latham	LH5215VT2ProRIB	VT2P,B	102	221.5	14.1	9	753	10	141.2	229.4	214.2	224.2	224.9	214.8
Titan Pro	2M04-2P	VT2P,B	104	220.9	14.2	18	751	11	141.3	230.6	216.9	224.5	214.1	218.3
Blue River	49R39 GC	None	102	220.4	14.5	4	749	12	138.3	218.9	212.8	216.9	247.3	206.2
Mustang	7805GENSS	STX,B	105	219.3	15.2	2	745	13	179.6	236.1	212.5	226.0	215.4	206.7
Federal	5245VT2PRIB	VT2P,B	102	219.2	14.2	10	745	14	141.7	218.3	200.8	217.1	221.9	238.0
Latham	LH5259SSRIB	STX,B	102	218.9	13.7	1	744	15	191.5	233.9	206.4	211.8	233.7	208.9
NuTech/G2 Gen	5X-806^	HXT,RR2	106	218.7	15.0	2	744	16	191.2	234.1	201.6	197.1	250.7	209.8
Blue River	53H36 GC	None	104	218.5	15.8	15	739	18	141.0	215.7	213.1	210.1	249.5	204.0
Gold Country	102-88RSS	STX,B	102	218.0	13.7	1	741	17	198.6	223.2	210.9	223.0	241.4	191.4
Blue River	49K70 GC	None	102	217.6	16.4	4	732	23	131.3	224.3	210.2	207.1	237.5	208.9
Pioneer	P0157AMX GC	AMX,AQ,B	101	217.4	14.6	5	739	19	141.9	224.8	201.6	205.6	234.6	220.3
Mustang	6802GENSS	STX	102	217.3	14.1	2	739	20	141.5	210.7	211.8	219.5	225.8	218.6
Titan Pro	TP 53-03 2P	VT2P	103	217.1	14.0	3	738	21	211.1	223.4	208.7	224.5	213.2	215.5
Pfister	65B1	STX	105	216.0	15.8	1	730	27	111.2	223.9	200.8	204.5	236.6	214.4
Renk	RK666SSTX	STX,B	102	215.6	13.6	1	733	22	179.6	221.4	210.7	219.2	230.1	196.4
LG Seeds	LG5502STXRIB	STX,B	102	215.2	14.7	1	732	24	141.1	214.6	209.7	209.9	237.4	204.4
Pfister	2385	HXT,RR2	104	215.2	15.0	7	732	25	141.3	211.3	205.8	208.4	243.2	207.5
NuTech/G2 Gen	5K-0208^	OIXT	102	214.9	13.8	5	731	26	167.7	213.5	199.6	219.9	231.3	210.2
Dekalb	DKC54-38RIB GC	STX,B	104	214.7	14.5	0	730	28	202.0	215.4	208.2	222.5	226.0	201.5
Dyna-Gro	D43SS50	STX	103	213.9	14.3	1	727	29	188.8	225.6	202.5	221.3	227.5	192.5
Titan Pro	TP 39-02 SS	STX,B	102	213.0	13.7	0	724	30	199.3	228.5	206.3	208.6	227.7	193.9
Wyffels	W3358RIB	STX,B	103	212.0	14.4	0	721	31	187.1	212.7	207.4	205.5	227.9	206.6
Dekalb	DKC52-84RIB CK	STX,B	102	222.5	13.4	2	757	8	176.9	229.2	218.8	222.7	238.2	203.8

Data Rejected - Not in Summary

	Averages =	215.4	14.7	4	732	172.6	218.4	206.0	213.0	233.0	206.7
Mark Querna	LSD (0.10) =	8.6	0.4	6		39.0	16.7	13.8	15.8	17.7	22.1
	LSD (0.25) =	6.0	0.3	4		27.2	11.6	9.6	11.0	12.3	15.3

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 11/08/2015

Revised:

Full-Season Test Products (45 Total)

Company/Brand	Product/Brand†	Technol.†	Trmt.†	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 ^A	HX,RR2	MQ,P5V	102
NuTech/G2 Gen	5K-0208 ^A	OIXT	MQ,P1V,R	102
NuTech/G2 Gen	5X-806 ^A	HXT,RR2	MQ,P5V	106
NuTech/G2 Gen	5Z-504 ^A	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

Company/Brand	Product/Brand†	Technol.†	Trmt.†	RM
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 Doeblers 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 F.I.R.S.T. 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, CYXR (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	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
A	Allegiance®	D	Dynasty® (azoxystrobin)	None	untreated
AC	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil® (tebuconazole)
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®
CE	Cruiser Xtreme®	M	Maxim XL®		

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