

2015 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Early-Season Test

93 - 98 Day CRM

B2015MNWCa

Top 30 of 63

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clinton	Granite Falls			Willmar	Winthrop
				Bu/A ↓	%	%	\$/A	Rank		Glencoe	Litchfield			
Channel	197-66VT2PRIB	VT2P,B	97	217.0	16.5	4	730	1	247.2	232.8	208.3	199.1	216.5	198.1
Latham	LH4859SSRIB	STX,B	98	214.3	16.5	1	721	2	229.6	235.7	216.3	205.7	200.8	197.9
Mustang	4294GENVT2P	VT2P	94	213.8	16.4	1	719	3	228.8	218.8	214.0	207.1	213.9	200.3
Titan Pro	TP 58-95 SS	STX	95	212.8	16.4	1	716	4	224.4	225.2	219.6	204.1	212.6	191.0
Mustang	3894GENSS	STX	94	210.9	15.8	1	713	5	225.7	237.6	216.7	196.2	209.8	179.2
Renk	RK596SSTX	STX,B	98	209.9	16.7	0	705	6	223.6	233.7	208.0	195.7	205.8	192.7
Dyna-Gro	D37SS60	STX	97	209.5	16.4	0	705	7	216.8	228.5	220.8	199.2	203.7	188.1
Channel	196-77STXRIB	STX,B	96	208.1	16.3	3	701	8	230.7	229.1	199.4	205.8	202.1	181.2
Mustang	4298GENSS	STX	98	207.9	16.1	0	701	9	213.6	229.1	200.4	211.7	203.7	189.1
LG Seeds	LG5470STXRIB	STX,B	98	207.2	16.8	2	695	13	228.8	237.0	206.7	196.1	191.3	183.4
Thunder	7396VT2PRIB	VT2P,B	96	206.9	15.9	0	699	10	221.9	227.2	212.3	197.2	199.9	182.6
Viking	D42-94RL	STX	94	206.8	16.3	1	696	11	202.1	221.7	220.6	193.6	207.6	195.4
NuTech/G2 Gen	5F-196^	AM,B	96	206.8	16.3	1	696	12	209.4	235.4	171.1	224.8	203.5	196.5
Gold Country	97-17RSS	STX,B	97	206.6	16.9	1	693	14	216.5	223.0	203.7	205.5	193.9	196.8
Gold Country	94-19RSS	STX,B	94	205.7	16.2	2	693	15	224.3	224.6	202.6	204.9	190.9	187.1
Dekalb	DKC44-13RIB GC	STX,B	94	205.3	16.2	2	692	16	225.0	219.1	195.5	198.9	212.4	180.8
Anderson	684R	RR2	98	205.2	16.7	0	689	19	212.1	224.8	205.0	195.2	207.8	186.5
Dekalb	DKC48-12RIB GC	STX,B	98	204.8	16.3	0	690	18	218.2	226.6	192.4	199.9	200.5	191.4
LG Seeds	LG5460STXRIB	STX,B	97	204.8	16.6	2	688	21	219.5	222.9	206.1	200.1	194.9	185.3
Dahlman	R47-35VT3PRIB	VT3P,B	94	204.7	16.0	1	691	17	245.6	217.1	188.8	191.4	205.2	180.1
Federal	4240VT2P	VT2P	92	204.4	16.1	0	689	20	221.4	224.8	199.8	192.1	210.2	178.2
Anderson	795R	RR2	95	204.3	16.2	4	688	22	236.9	220.0	197.9	186.4	207.1	177.3
Pioneer	P9834AMX	AMX,B	98	204.1	16.7	1	685	24	216.5	213.5	199.6	209.8	197.3	188.0
Channel	197-50STXRIB	STX,B	97	204.0	16.8	4	684	25	229.6	225.8	180.6	207.4	205.4	175.0
NuTech/G2 Gen	5F-198^	AM,B	98	203.1	15.7	1	687	23	201.3	229.5	192.3	206.0	202.7	186.7
Titan Pro	2M95-2P	VT2P,B	95	202.8	16.3	0	683	27	224.8	217.7	192.2	188.4	216.7	176.8
Renk	RK568VT3P	VT3P,B	95	202.7	16.1	0	684	26	226.0	215.0	195.4	196.6	196.5	186.9
Pioneer	P9703AMX GC	AMX,AQ,B	97	201.7	16.1	0	680	28	211.9	217.8	196.2	202.2	199.9	182.3
Dahlman	R48-301SSRIB	STX,B	95	201.6	16.0	1	680	29	217.2	221.0	206.5	190.1	204.0	170.7
NuTech/G2 Gen	5X-894^	HXT,RR2	94	201.1	15.8	0	680	30	210.5	227.4	186.1	186.8	197.8	198.1
Dekalb	DKC49-29RIB CK	STX,B	99	201.2	16.5	0	677	33	224.1	227.1	195.8	186.9	188.3	184.8

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	200.1	16.3	3	674	215.4	216.9	194.7	193.8	199.1	180.9
	LSD (0.10) =	7.2	0.3	4		15.1	13.4	16.4	14.7	17.3	15.8
	LSD (0.25) =	5.0	0.2	3		10.5	9.4	11.4	10.2	12.0	11.0

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: 11/13/2015 Revised:

2015 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Full-Season Test


99 - 102 Day CRM

B2015MNWCb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Clinton	Granite Falls			Willmar	Winthrop
				Bu/A ↓	%	%	\$/A	Rank		Glencoe	Litchfield			
LG Seeds	LG5501VT2P	VT2P	100	222.0	16.8	0	745	1	243.4	241.8	216.3	198.7	222.5	209.2
Titan Pro	TP 58-01 2P	VT2P	101	218.5	17.2	0	731	2	215.6	228.1	245.0	203.8	225.4	193.2
LG Seeds	LG5499STXRIB	STX,B	100	216.9	17.7	1	723	3	220.3	226.8	228.9	209.5	223.1	192.5
Gold Country	102-88RSS	STX,B	102	216.2	17.5	1	722	4	228.7	212.2	232.4	208.7	210.6	204.5
Dekalb	DKC53-56RIB GC	STX,B	103	215.4	18.2	1	715	7	228.2	226.4	215.7	210.8	210.9	200.2
NuTech/G2 Gen	5K-0208^	OIXT	102	215.2	17.7	1	717	6	211.8	224.2	229.0	219.4	211.8	194.8
Pioneer	P0157AMX GC	AMX,AQ,B	101	215.0	18.4	0	713	9	233.8	238.2	216.4	201.4	199.0	201.4
Dekalb	DKC52-84RIB	STX,B	102	214.9	17.4	1	718	5	245.4	232.5	212.8	190.7	213.6	194.2
Dahlman	R52-328SSRIB	STX,B	103	213.6	18.3	1	709	10	227.2	227.6	223.0	198.4	207.1	198.4
Titan Pro	TP 39-00 SS	STX,B	100	213.4	16.9	0	715	8	221.4	235.8	201.1	199.6	213.1	209.5
Dairyland	DS9203	STX	103	213.1	19.9	0	698	19	221.8	226.4	213.5	206.2	223.4	187.2
LG Seeds	LG5502STXRIB	STX,B	102	212.7	18.5	0	705	13	217.1	224.2	218.6	206.5	213.1	196.8
Latham	LH5215VT2ProRIB	VT2P,B	102	211.8	18.2	8	703	15	235.4	230.0	225.5	205.8	196.3	177.8
Pioneer	P0193AMX GC	AMX,B	101	211.6	17.8	3	705	14	211.8	222.2	206.6	213.6	218.6	196.9
Prairie Brand	5026SX	STX	100	211.2	16.9	0	708	11	219.9	223.8	210.9	210.9	206.9	194.8
Renk	RK666SSTX	STX,B	102	210.6	17.4	0	703	16	222.3	235.0	203.2	201.3	207.0	195.0
Latham	LH4955VT2ProRIB	VT2P,B	99	210.5	16.5	1	708	12	230.9	226.8	208.6	190.4	210.1	196.1
Federal	5140VT2PRIB	VT2P,B	101	209.7	17.2	10	701	17	220.9	213.6	227.0	201.1	212.8	182.8
Anderson	588VT3P	VT3P	101	209.5	17.5	1	699	18	212.7	224.4	215.8	186.1	221.9	195.9
Federal	5245VT2PRIB	VT2P,B	102	208.7	18.9	10	689	27	232.9	213.1	219.4	189.7	206.3	190.6
Golden Harvest	G01P52-3011A	3011A	101	207.8	17.9	1	691	23	207.3	229.2	204.0	201.9	210.7	193.4
Dairyland	DS9701	STX	101	207.5	17.2	1	694	20	223.5	225.8	191.0	198.6	212.2	194.0
NuTech/G2 Gen	5Z-0107^	OI	101	207.5	17.4	2	693	21	206.2	210.8	218.0	212.6	207.0	190.1
Renk	RK680SSTX	STX	101	207.2	17.5	0	692	22	218.4	220.8	202.6	202.3	197.7	201.2
Renk	RK612SSTX	STX	100	207.0	17.6	3	690	26	221.0	222.9	205.0	206.4	196.1	190.7
Renk	RK633SSTX	STX,B	101	206.9	17.5	1	691	24	213.0	220.6	209.3	192.0	205.7	200.9
Federal	5050VT2PRIB	VT2P,B	100	205.9	16.8	1	691	25	225.3	210.3	213.4	190.8	205.9	189.4
Dekalb	DKC53-78RIB	STX,B	103	205.4	17.6	2	685	29	229.4	223.2	220.7	196.5	179.7	182.6
Dyna-Gro	D40SS27RIB	STX,B	100	205.0	17.0	2	687	28	229.4	209.7	194.1	213.8	203.8	178.9
Pfister	60B1	HXT,RR2	100	203.9	16.9	1	684	30	213.6	228.9	195.7	192.3	208.2	184.6
Dekalb	DKC49-29RIB CK	STX,B	99	203.8	16.7	0	684	31	223.7	220.8	201.0	197.4	193.8	185.9

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	206.4	17.6	3	688	215.3	218.9	207.9	199.5	204.5	188.3
	LSD (0.10) =	7.9	0.4	5		17.5	14.8	18.0	13.8	20.5	17.1
	LSD (0.25) =	5.5	0.3	3		12.2	10.3	12.6	9.6	14.3	11.9

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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Early-Season Test Products (63 Total)

Company/Brand	Product/Brand†	Technol.†	Trmt.†	RM
Anderson	615VT3P	VT3P	CE,C2	98
Anderson	684R	RR2	AC,P2	98
Anderson	689VT3P	VT3P	CE,C2	95
Anderson	795R	RR2	MQ	95
Channel	196-77STXRIB	STX,B	AC,P5V	96
Channel	197-50STXRIB	STX,B	AC,P5V	97
Channel	197-66VT2PRIB	VT2P,B	AC,P5V	97
Dahlman	R47-35VT3PRIB	VT3P,B	AC,P2	94
Dahlman	R48-301SSRIB	STX,B	AC,P5	95
Dairyland	DS9198	STX	CM,C5,Vi,ln	98
Dairyland	DS9593	3000GT	CM,C2	93
Dairyland	DS9693	STX	CM,C5,Vi,ln	93
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94
Dekalb	DKC48-12RIB GC	STX,B	AC,P5V	98
Dekalb	DKC49-29RIB CK	STX,B	AC,P5V	99
Dyna-Gro	D37SS60	STX	AC,P5V	97
Enestvedt	E653SSRIB	STX,B	AC,P5V	96
Enestvedt	E654SSRIB	STX,B	AC,P5V	95
Federal	4240VT2P	VT2P	AC,P2	92
Federal	4640VT3PRIB	VT3P,B	AC,P2	96
Federal	4760SSTAX	STX	AC,P2	97
Gold Country	94-19RSS	STX,B	AC,P5V	94
Gold Country	97-17RSS	STX,B	AC,P5V	97
Golden Harvest	G94B95-3110	3110	AVC,C2,Vi	94
Golden Harvest	G95D32-3110	3110	AVC,C2,Vi	95
Golden Harvest	G99Z33-3111A GC	3111A	AVC,C2,Vi	99
Latham	LH4454VT2ProRIB	VT2P,B	AC,P2	94
Latham	LH4729SS	STX	AC,P5V	97
Latham	LH4836-3122EZR	3122,B	CM,C2	98
Latham	LH4859SSRIB	STX,B	AC,P5V	98
LG Seeds	LG5415STXRIB	STX,B	AC,P5V	93
LG Seeds	LG5460STXRIB	STX,B	AC,P5V	97
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98
Mustang	3894GENSS	STX	AC,P5V	94
Mustang	4294GENVT2P	VT2P	AC,P2	94
Mustang	4298GENSS	STX	AC,P5V	98
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V	96
NuTech/G2 Gen	5F-198^	AM,B	MQ,P5V	98
NuTech/G2 Gen	5X-894^	HXT,RR2	MQ,P5V	94
Pfister	1740RA	STX,B	CM,C5,Vi,ln	98
Pfister	53A1RA	STX,B	CM,C5,Vi,ln	93
Pfister	56A1G3	3000GT	CM,C5,Vi,ln	96

Company/Brand	Product/Brand†	Technol.†	Trmt.†	RM
Pfister	57A1	HXT,RR2	AC,P5V	97
Pioneer	P9526AMXT GC	AMXT,AQ,B	MQ,C2	95
Pioneer	P9703AMX GC	AMX,AQ,B	MQ,C2	97
Pioneer	P9834AMX	AMX,B	MQ,C2	98
Prairie Brand	4776SX	STX	AC,P5V	97
Prairie Brand	4895GT3	3000GT	CM,C5,Vi,ln	98
Renk	RK522SSTX	STX,B	AC,P5V	94
Renk	RK544SSTX	STX,B	AC,P5V	95
Renk	RK568VT3P	VT3P,B	AC,P2	95
Renk	RK596SSTX	STX,B	AC,P5V	98
Thunder	101-95SSRIB	STX,B	AC,C2	95
Thunder	4578RR	RR2	AC,C2	78
Thunder	7396VT2PRIB	VT2P,B	AC,C2	96
Titan Pro	1M96-3P	VT3P,B	AC,P2	96
Titan Pro	2M95-2P	VT2P,B	AC,P2	95
Titan Pro	TP 39-98 SS	STX,B	AC,P5V	98
Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Viking	51-95N	None	CM,C2	95
Viking	C44-95R	VT3P,B	AC,P2	95
Viking	D37-98RL	STX,B	AC,P5V	98
Viking	D42-94RL	STX	AC,P5V	94

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.