

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



Early-Season Test


93 - 98 Day CRM

B2015MNWCa

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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			
Channel	197-66VT2PRIB	VT2P,B	97	<b>217.0</b>	16.5	4	730	1	<b>247.2</b>	<b>232.8</b>	208.3	199.1	<b>216.5</b>	<b>198.1</b>
Latham	LH4859SSRIB	STX,B	98	<b>214.3</b>	16.5	1	721	2	229.6	<b>235.7</b>	<b>216.3</b>	205.7	200.8	<b>197.9</b>
Mustang	4294GENVT2P	VT2P	94	<b>213.8</b>	16.4	1	719	3	228.8	<b>218.8</b>	<b>214.0</b>	207.1	213.9	<b>200.3</b>
Titan Pro	TP 58-95 SS	STX	95	<b>212.8</b>	16.4	1	716	4	224.4	225.2	<b>219.6</b>	204.1	212.6	191.0
Mustang	3894GENSS	STX	94	<b>210.9</b>	15.8	1	713	5	225.7	<b>237.6</b>	<b>216.7</b>	196.2	209.8	179.2
Renk	RK596SSTX	STX,B	98	<b>209.9</b>	16.7	0	705	6	223.6	<b>233.7</b>	208.0	195.7	205.8	192.7
Dyna-Gro	D37SS60	STX	97	<b>209.5</b>	16.4	0	705	7	216.8	228.5	<b>220.8</b>	199.2	203.7	188.1
Channel	196-77STXRIB	STX,B	96	<b>208.1</b>	16.3	3	701	8	<b>230.7</b>	229.1	199.4	205.8	202.1	181.2
Mustang	4298GENSS	STX	98	<b>207.9</b>	16.1	0	701	9	213.6	229.1	200.4	<b>211.7</b>	203.7	189.1
LG Seeds	LG5470STXRIB	STX,B	98	<b>207.2</b>	16.8	2	695	13	228.8	<b>237.0</b>	206.7	196.1	191.3	183.4
Thunder	7396VT2PRIB	VT2P,B	96	206.9	15.9	0	699	10	221.9	227.2	<b>212.3</b>	197.2	199.9	182.6
Viking	D42-94RL	STX	94	206.8	16.3	1	696	11	202.1	221.7	<b>220.6</b>	193.6	207.6	195.4
NuTech/G2 Gen	5F-196^	AM,B	96	206.8	16.3	1	696	12	209.4	<b>235.4</b>	171.1	<b>224.8</b>	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	<b>196.8</b>
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	97	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	<b>245.6</b>	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	<b>236.9</b>	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	<b>209.8</b>	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	<b>216.7</b>	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	<b>198.1</b>
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 =	<b>200.1</b>	<b>16.3</b>	<b>3</b>	<b>674</b>	<b>215.4</b>	<b>216.9</b>	<b>194.7</b>	<b>193.8</b>	<b>199.1</b>	<b>180.9</b>
	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: 11/02/2015 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	<b>222.0</b>	16.8	0	745	1	<b>243.4</b>	<b>241.8</b>	216.3	198.7	222.5	<b>209.2</b>
Titan Pro	TP 58-01 2P	VT2P	101	<b>218.5</b>	17.2	0	731	2	215.6	228.1	<b>245.0</b>	203.8	<b>225.4</b>	193.2
LG Seeds	LG5499STXRIB	STX,B	100	<b>216.9</b>	17.7	1	723	3	220.3	226.8	<b>228.9</b>	209.5	<b>223.1</b>	192.5
Gold Country	102-88RSS	STX,B	102	<b>216.2</b>	17.5	1	722	4	228.7	212.2	<b>232.4</b>	208.7	210.6	204.5
Dekalb	DKC53-56RIB GC	STX,B	103	<b>215.4</b>	18.2	1	715	7	228.2	226.4	215.7	210.8	210.9	200.2
NuTech/G2 Gen	5K-0208^	OIXT	102	<b>215.2</b>	17.7	1	717	6	211.8	224.2	<b>229.0</b>	<b>219.4</b>	211.8	194.8
Pioneer	P0157AMX GC	AMX,AQ,B	101	<b>215.0</b>	18.4	0	713	9	<b>233.8</b>	<b>238.2</b>	216.4	201.4	199.0	201.4
Dekalb	DKC52-84RIB	STX,B	102	<b>214.9</b>	17.4	1	718	5	<b>245.4</b>	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	<b>235.8</b>	201.1	199.6	213.1	<b>209.5</b>
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	<b>235.4</b>	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	<b>213.6</b>	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	<b>235.0</b>	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	<b>227.0</b>	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	<b>232.9</b>	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	<b>213.8</b>	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

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	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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## 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.