

2016 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Early-Season Test

93 - 98 Day CRM

B2016MNWCa

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	Kerkhoven		Starbuck		Winthrop
				Bu/A ↓	%	%	\$/A	Rank		Granite Falls	Litchfield	Starbuck		
Channel	193-53STXRIB	STX,B	93	222.0	17.7	0	651	1	233.4	205.4	198.7	228.8	212.7	252.7
NuTech/G2 Gen	5F-196 ^A	AM,B	96	220.9	18.1	2	646	2	228.8	185.2	212.3	231.2	207.6	260.0
Titan Pro	TP 54-98 2P	VT2P,B	98	218.8	17.8	0	641	3	245.7	226.1	190.7	204.3	211.1	234.6
Channel	195-18VT2PRIB	VT2P,B	95	218.1	18.0	0	638	5	233.0	204.0	202.8	230.1	201.4	237.3
Dyna-Gro	D34VC54	VT2P	94	218.0	17.8	1	639	4	237.5	192.9	191.1	231.1	199.7	255.9
Dyna-Gro	D35SS58	STX	95	216.8	17.8	1	635	6	240.0	203.5	205.3	221.2	200.4	230.6
Titan Pro	TP 58-95 SS	STX,B	95	216.5	17.9	0	634	7	247.0	182.2	203.2	232.9	203.8	230.1
Latham	LH4529SS	STX	95	216.4	18.0	0	633	8	249.3	160.0	211.6	238.1	200.0	239.3
Mustang	4298GENVT2PRIB	VT2P,B	98	216.0	17.7	0	633	9	234.9	196.3	192.5	207.8	224.1	240.6
Channel	197-50VT2PRIB	VT2P,B	97	215.5	17.9	0	631	12	241.1	201.0	168.8	231.4	208.4	242.4
Renk	RK568VT3P	VT3P	95	215.4	17.6	0	632	11	238.4	214.6	179.9	218.2	199.8	241.2
Viking	E52-95R	VT2P,B	95	214.8	18.0	0	628	15	231.2	197.7	195.2	217.0	207.7	239.8
Latham	LH4437VT2Pro	VT2P	94	214.4	17.5	1	630	13	242.7	186.9	185.6	220.1	207.2	244.0
Dekalb	DKC46-36RIB GC	STX,B	96	214.4	18.3	1	626	18	231.8	194.4	193.0	229.0	206.4	231.9
LG Seeds	LG5415STXRIB	STX,B	93	213.9	17.3	0	629	14	240.7	197.9	187.5	213.8	201.2	242.0
Mustang	3294GENVT2P	VT2P	94	213.8	17.5	2	628	16	240.1	167.0	208.0	213.3	212.0	242.2
NorthStar	NS96-578VT3PRIB	VT3P,B	96	213.5	17.4	0	628	17	230.5	204.6	184.8	217.1	208.8	234.9
Renk	RK596SSTX	STX,B	98	213.5	18.1	0	624	21	241.0	209.0	199.0	204.9	187.6	239.2
Federal	4760SSTXRIB	STX,B	97	213.4	18.0	0	624	22	227.8	204.6	185.0	218.8	205.1	239.2
Enestvedt	E652VT3Pro	VT3P	95	213.2	17.6	0	626	19	237.7	186.3	194.0	214.5	210.2	236.6
NuTech/G2 Gen	5F-198 ^A	AM,B	98	213.0	17.7	2	625	20	223.7	191.2	181.5	237.8	196.4	247.1
NorthStar	NS95-421GENSSRIB	STX,B	95	212.6	17.6	0	624	23	232.9	209.7	194.7	222.1	198.1	217.8
NorthStar	NS96-103GENSS	STX	96	212.5	17.9	0	622	25	235.4	197.7	184.8	217.8	194.8	244.4
Dahlman	R47-24VT2P	VT2P	94	212.1	17.4	1	624	24	244.7	199.3	182.4	212.9	199.1	234.3
LG Seeds	LG5410VT2PRIB	VT2P,B	92	211.4	17.4	0	622	26	239.2	194.5	179.9	218.6	210.6	225.5
Pioneer	P9526AMXT GC	AMXT,AQ,B	95	211.0	17.8	4	618	28	211.0	202.1	200.7	223.6	199.1	229.4
Latham	LH4454VT2ProRIB	VT2P,B	94	210.8	17.8	0	618	29	234.0	191.4	181.2	218.2	196.6	243.1
Renk	RK522SSTX	STX,B	94	210.6	17.5	3	619	27	241.3	176.9	194.2	216.1	211.6	223.2
Dahlman	R48-301SSRIB	STX,B	95	210.1	17.9	2	615	30	226.7	199.8	200.9	202.9	195.8	234.6
Anderson	795R	RR2	95	209.3	17.5	0	615	31	230.1	197.7	181.8	204.8	209.9	231.6
Dekalb	DKC48-56RIB CK	STX,B	98	216.5	18.3	2	632	10	237.1	207.7	187.4	219.8	209.8	237.3

Averages =	208.8	17.8	1	612	229.4	184.6	187.6	217.1	200.6	233.2
LSD (0.10) =	11.9	0.3	2		14.6	30.5	22.4	15.8	15.5	18.9
LSD (0.25) =	8.3	0.2	2		10.2	21.3	15.6	11.0	10.8	13.2

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Previous years average yield for region, 196.7 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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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Revised:

2016 Corn Grain Top 30 Performance Summary for Minnesota West Central [MNWC]



Full-Season Test

99 - 102 Day CRM

B2016MNWCb

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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	Kerkhoven		Starbuck		Winthrop
				Bu/A ↓	%	%	\$/A	Rank		Granite Falls	Litchfield			
NuTech/G2 Gen	5Z-601^	OI,AQ	101	226.9	18.6	3	660	1	241.2	211.2	200.0	214.3	227.4	267.4
NuTech/G2 Gen	5K-702^	OIXT	102	224.7	19.1	2	651	3	240.6	184.8	219.6	220.2	219.1	264.0
Renk	RK608DGV2P	VT2P,DG	100	224.5	18.2	0	656	2	239.4	210.0	206.4	219.1	219.8	252.1
Dekalb	DKC50-84RIB GC	VT2P,B	100	222.4	18.5	2	648	6	228.8	211.0	198.1	229.1	220.9	246.5
Titan Pro	TP 65-00 2P	VT2P,DG	100	222.1	18.2	0	649	5	233.1	189.1	202.7	227.5	223.3	257.0
Channel	199-29STXRIB	STX,B	99	221.2	18.0	0	647	7	225.1	214.6	193.5	224.3	225.7	244.0
LG Seeds	LG5501VT2PRIB	VT2P,B	100	219.9	18.0	0	643	8	237.9	210.0	175.2	218.2	219.1	259.1
Pioneer	P0297AMXT GC	AMXT,AQ,B	102	219.5	19.8	0	632	14	228.7	208.2	189.9	223.9	218.8	247.3
Pfister	60B1SSR	STX,B	100	219.1	18.6	1	638	9	225.4	223.7	187.9	227.1	208.1	242.2
Dyna-Gro	D42SS61	STX	102	219.1	19.0	0	635	10	226.8	195.6	208.5	216.3	209.7	257.7
NorthStar	NS100-531GENSS	STX	100	218.4	19.0	0	633	12	226.2	188.8	209.2	216.4	221.2	248.3
Prairie Brand	5026RA	STX,B	100	218.2	18.9	0	633	13	228.5	219.6	201.3	211.8	205.3	242.6
Dairyland	DS-9701RA	STX,B	101	217.6	18.4	1	634	11	231.0	213.8	176.8	216.7	210.4	256.9
Pfister	61C1VX	HXT,RR2	101	217.3	19.1	1	630	15	232.7	197.3	199.9	230.8	194.4	248.7
Mustang	6800GENSS	STX	100	217.2	18.9	0	630	16	232.1	211.2	192.1	215.8	211.0	240.8
Federal	5245VT2P	VT2P	102	215.9	19.0	6	626	19	226.9	206.3	184.1	212.3	225.3	240.6
Renk	RK595SSTX	STX	99	215.7	18.2	0	630	17	235.3	204.4	178.7	215.1	217.0	243.9
Dahlman	R50-357SSRIB	STX,B	100	215.6	18.9	0	626	20	231.2	200.1	189.4	215.8	219.2	238.0
LG Seeds	LG5499STXRIB	STX,B	100	215.6	19.3	0	624	21	226.2	196.3	185.4	229.4	214.3	242.0
Channel	201-28VT2PRIB	VT2P,B	101	215.4	18.1	1	630	18	242.1	208.0	191.5	217.4	195.1	238.3
Dairyland	DS-9802	STX	102	214.4	19.1	0	621	23	218.2	201.7	180.1	217.4	215.6	253.4
Channel	202-52STXRIB	STX,B	102	214.2	18.8	0	622	22	229.1	188.9	190.1	215.2	208.7	253.0
Latham	LH5215VT2ProRIB	VT2P,B	102	213.2	19.0	2	618	26	235.5	200.4	184.8	208.8	216.5	232.9
LG Seeds	LG5470STXRIB	STX,B	98	213.1	18.5	0	621	24	229.3	187.9	184.7	221.2	221.9	233.7
Dairyland	DS-9599	3000GT	99	213.1	18.5	4	621	25	233.0	190.5	176.6	227.0	211.8	239.7
Federal	5060SSTAX	STX	100	212.9	18.9	0	618	27	232.1	198.6	183.3	214.5	202.3	246.6
Renk	RK666SSTX	STX,B	102	212.7	18.8	0	618	28	238.9	197.3	173.3	211.4	214.8	240.5
Titan Pro	TP 31-01 3011A	3011,A	101	212.5	18.7	6	618	29	219.9	188.7	191.8	209.3	225.9	239.4
Viking	D71-00RL	STX,B	100	211.4	18.3	0	617	31	241.3	166.4	188.5	215.8	219.3	236.9
Latham	LH4955VT2ProRIB	VT2P,B	99	210.8	17.8	0	618	30	211.0	211.6	178.1	212.8	202.7	248.7
Dekalb	DKC48-56RIB CK	STX,B	98	222.7	18.3	1	650	4	230.9	210.5	209.8	223.3	224.5	237.3

Averages =	212.8	18.6	2	619	227.7	194.9	185.2	214.6	213.4	240.9
LSD (0.10) =	11.3	0.3	5		14.4	22.0	19.5	17.9	14.0	18.8
LSD (0.25) =	7.9	0.2	3		10.1	15.3	13.6	12.5	9.8	13.1

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Previous years average yield for region, 196.7 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.00 GMO; \$3.00 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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Revised:

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. HPT® brand seed is distributed by Hoegemeyer Hybrids, 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®, HPT®, 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	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**

n/a	information not provided	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	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®
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®

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