

2016 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Early-Season Test

96 - 101 Day CRM

B2016MNSWa

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For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Easton	Jeffers			Tracy		Wabasso
				Bu/A ↓	%	%	\$/A	Rank		Jackson‡	Lake Crystal				
Wyffels	W2080	None	98	233.2	15.5	1	697	1	236.8	235.6	196.8	193.8	288.6	247.6	
NuTech/G2 Gen	5F-196 ^A	AM,B	96	231.9	16.0	1	690	2	235.5	237.1	240.3	167.8	282.0	228.7	
LG Seeds	LG5499STXRIB	STX,B	100	230.3	16.4	1	683	5	238.4	223.5	208.5	186.5	286.2	238.8	
Channel	201-28VT2PRIB	VT2P,B	101	229.9	15.7	0	686	3	229.3	225.5	221.9	186.6	267.3	248.8	
Renk	RK608DGV2P	VT2P,DG	100	229.4	15.7	0	684	4	220.9	234.7	209.3	185.8	287.7	238.0	
NuTech/G2 Gen	5Z-601 ^A	OI,AQ	101	229.3	16.4	0	680	6	228.1	235.6	236.7	172.2	285.5	217.6	
Mustang	6701-3011A	3011,A	101	228.6	16.7	0	676	8	243.6	221.8	213.2	204.2	262.8	226.1	
Mustang	5700GENVT2P	VT2P	100	227.7	16.0	0	677	7	240.3	222.0	221.1	178.7	270.7	233.5	
LG Seeds	LG5501VT2PRIB	VT2P,B	100	226.7	15.8	0	676	9	231.3	232.7	198.7	184.6	262.8	250.0	
NuTech/G2 Gen	5F-198 ^A	AM,B	98	225.1	15.9	0	670	10	227.0	223.1	228.0	165.8	276.4	230.1	
Titan Pro	TP 65-00 2P	VT2P,DG	100	224.3	15.7	1	669	11	234.4	237.9	197.4	164.7	269.6	241.5	
NorthStar	NS100-531GENSS	STX	100	223.9	16.5	0	663	14	223.9	212.7	201.7	188.0	272.5	244.5	
Wyffels	W1968	STX	101	223.5	16.2	0	664	12	236.2	199.8	203.0	182.5	257.3	262.3	
Renk	RK612SSTX	STX,B	100	223.4	16.1	1	664	13	231.0	211.8	220.4	187.0	260.5	229.6	
Wyffels	W2198	STX	100	223.0	16.0	0	663	15	233.5	223.2	199.2	176.6	270.1	235.1	
Mustang	6800GENSS	STX	100	222.9	16.4	0	661	16	222.9	219.3	199.5	184.6	266.2	244.9	
Dairyland	DS-9701RA	STX,B	101	222.5	16.3	0	660	17	242.2	217.7	205.1	178.6	260.4	230.7	
Pfister	60B1SSR	STX,B	100	222.0	16.1	0	660	18	213.0	225.3	217.5	179.4	262.2	234.7	
Latham	LH5099SS	STX	100	221.9	16.5	0	657	20	230.0	209.1	192.4	194.9	271.2	233.5	
Titan Pro	TP 58-01 2P	VT2P,B	101	221.4	16.0	0	659	19	220.5	214.6	213.6	190.0	257.5	231.9	
Dairyland	DS-9599	3000GT	99	221.1	16.2	0	657	21	212.2	235.6	211.9	182.0	247.2	237.7	
Pfister	1740RASS	STX,B	98	220.3	16.5	1	653	24	236.5	195.7	224.8	181.9	267.5	215.6	
Channel	199-29STXRIB	STX,B	99	220.0	16.1	0	654	22	236.0	197.8	205.5	183.2	269.9	227.3	
Latham	LH4859SSRIB	STX,B	98	219.6	15.9	0	654	23	229.8	206.4	217.6	175.2	263.8	224.5	
Federal	5060VT2PRIB	VT2P,B	100	219.3	16.0	0	652	26	230.7	224.6	199.9	175.8	249.6	235.3	
Channel	197-50VT2PRIB	VT2P,B	97	218.7	15.8	1	652	27	223.0	201.3	208.7	166.2	270.3	242.8	
Wyffels	W1556	VT2P	95	218.6	15.5	2	653	25	220.7	222.3	206.5	178.4	255.1	228.7	
Channel	199-72STXRIB	STX,B	99	218.6	15.9	0	651	28	223.8	220.1	200.7	171.5	255.3	240.0	
Renk	RK596SSTX	STX,B	98	218.2	15.9	0	650	29	203.1	191.1	209.5	192.1	275.0	238.6	
Dekalb	DKC49-72RIB GC	STX,B	99	217.7	15.6	0	650	30	217.4	219.6	215.6	159.8	259.1	234.8	
Dekalb	DKC52-84RIB CK	STX,B	102	218.4	16.1	0	649	31	231.9	207.2	200.7	168.8	274.2	227.8	

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	217.6	16.0	1	647	218.3	212.7	206.6	175.5	262.0	230.2
	LSD (0.10) =	12.4	0.4	ns		21.5	22.1	23.2	18.1	16.6	15.6
	LSD (0.25) =	8.7	0.3	ns		15.0	15.4	16.2	12.6	11.6	10.9

Previous years average yield for region, 191.2 bu/a, 15 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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Report Date: 11/08/2016 Revised:

2016 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Full-Season Test
102 - 105 Day CRM

B2016MNSWb

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Easton	Jackson‡	Jeffers	Lake Crystal	Tracy	Wabasso
NuTech/G2 Gen	5F-504^	AM,B	104	236.3	17.4	0	695	1	239.9	207.0	187.4	192.0	300.9	241.6
Wyffels	W4796RIB	VT2P,B	106	231.0	16.4	0	685	2	224.3	206.9	170.7	171.9	281.5	270.4
LG Seeds	LG5507STXRIB	STX,B	103	229.4	17.3	0	675	4	249.9	207.1	174.5	174.8	274.2	241.1
Pfister	65B1VX	HXT,RR2	105	229.1	17.6	0	672	5	224.0	217.5	172.2	176.6	284.7	242.8
Wyffels	W3076	VT2P	102	226.8	15.8	1	676	3	235.9	214.7	171.8	181.8	272.5	229.0
Latham	LH5402RR	RR2	104	226.7	16.9	1	669	6	233.2	199.4	204.2	178.3	272.9	249.5
Renk	RK717SSTX	STX	105	225.1	16.6	0	666	8	225.7	193.8	167.3	186.3	280.6	239.0
Mustang	8805GENSS	STX	105	224.9	16.3	3	667	7	225.0	206.8	199.5	183.6	276.6	232.5
Epley	E1410	None	104	222.8	17.3	3	656	14	234.7	192.1	167.3	173.7	271.8	241.6
Channel	203-01STXRIB	STX,B	103	222.6	16.6	0	659	10	245.9	191.1	177.5	177.2	257.7	241.3
Anderson	5303	None	103	222.2	16.3	0	659	11	232.9	214.4	177.2	181.1	276.2	206.2
Federal	5245VT2P	VT2P	102	222.0	16.3	0	659	12	221.6	196.5	172.5	178.5	276.0	237.4
Thunder	Exp 105	STX	105	221.7	16.6	2	656	15	200.0	209.1	167.9	195.6	282.8	220.8
NuTech/G2 Gen	5K-702^	OIXT	102	221.7	16.8	2	655	16	211.2	198.8	178.3	175.8	289.3	233.6
Federal	5550SSTXRIB	STX,B	105	221.7	17.5	1	651	19	219.6	174.9	147.3	184.3	278.0	251.5
Viking	40-03N	None	103	221.6	16.1	0	659	13	235.0	196.2	177.0	183.3	262.4	230.9
Latham	EX5339SS	STX	103	221.3	16.8	0	654	17	230.0	192.6	167.7	185.9	276.8	221.4
Channel	205-19STXRIB	STX,B	105	220.9	16.9	1	652	18	237.9	196.6	177.3	167.4	265.6	237.1
Latham	LH5509SSRIB	STX,B	105	220.5	17.5	0	648	20	219.5	200.8	177.5	169.9	272.1	240.0
Prairie Brand	5406SX	STX	104	219.4	18.1	1	641	29	217.7	186.4	177.1	179.2	271.3	242.5
Titan Pro	TP 53-03 2P	VT2P,B	103	219.2	16.7	0	648	21	209.8	191.3	207.9	183.3	269.5	241.9
Federal	5370SSTAX	STX	103	217.8	16.9	0	643	26	230.1	185.1	187.5	178.5	286.5	208.8
NorthStar	NS104-167GENSSRIB	STX,B	104	217.8	16.9	1	643	27	228.7	181.1	167.5	175.1	272.2	231.8
NuTech/G2 Gen	5Z-503^	OI	103	217.7	16.7	3	644	22	166.2	220.2	197.9	174.2	280.0	247.8
Wyffels	W3228RIB	STX,B	103	217.5	16.6	1	644	23	214.2	196.4	187.5	176.9	264.7	235.5
Renk	RK675DGV2P	VT2P,DG,B	103	216.6	16.1	0	644	24	233.4	199.9	177.3	167.2	249.7	232.8
Latham	LH5215VT2ProRIB	VT2P,B	102	216.6	16.2	5	643	28	187.4	203.6	171.9	186.3	265.6	240.2
Wyffels	W2488RIB	STX,B	101	216.0	15.7	0	644	25	235.0	186.6	168.1	178.4	255.4	224.5
Pfister	62A1VX	HXT,RR2	102	215.9	16.6	2	639	31	220.7	200.9	192.7	175.8	276.0	206.1
Renk	RK666SSTX	STX,B	102	215.6	16.3	0	640	30	221.0	188.1	150.1	165.0	270.7	233.1
Dekalb	DKC52-84RIB CK	STX,B	102	222.3	16.3	0	660	9	234.3	186.4	158.0	169.9	290.4	230.5

Data Rejected No in Summary

Mark Querna

Averages =	216.3	16.8	2	639	216.8	194.1	174.0	173.8	266.9	229.7
LSD (0.10) =	16.6	0.6	6		23.9	23.6	36.6	15.7	18.3	21.8
LSD (0.25) =	11.6	0.4	5		16.7	16.4	25.5	10.9	12.7	15.2

mark.querna@firstseedtests.com, (507) 380-9920 Previous years average yield for region, 191.2 bu/a, 15 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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Report Date: 11/08/2016 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.