

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



Early-Season Test

96 - 101 Day CRM

B2016MNSWa

Top 30 of 63

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Easton	Jackson†	Jeffers	Lake Crystal	Tracy	Wabasso
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-196 ^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
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														

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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 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 ^A	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	169.3	186.3	280.6	239.0
Mustang	8805GENSS	STX	105	224.9	16.3	3	667	7	225.0	206.8	199.6	183.6	276.6	232.5
Epley	E1410	None	104	222.8	17.3	3	656	14	234.7	192.1	169.3	173.7	271.8	241.6
Channel	203-01STXRIB	STX,B	103	222.6	16.6	0	659	10	245.9	191.1	179.5	177.2	257.7	241.3
Anderson	5303	None	103	222.2	16.3	0	659	11	232.9	214.4	179.2	181.1	276.2	206.2
Federal	5245VT2P	VT2P	102	222.0	16.3	0	659	12	221.6	196.5	182.5	178.5	276.0	237.4
Thunder	Exp 105	STX	105	221.7	16.6	2	656	15	200.0	209.1	189.9	195.6	282.8	220.8
NuTech/G2 Gen	5K-702 ^A	OIXT	102	221.7	16.8	2	655	16	211.2	198.8	178.3	175.8	289.3	233.6
Federal	5550SSTAXRIB	STX,B	105	221.7	17.5	1	651	19	219.6	174.9	149.3	184.3	278.0	251.5
Viking	40-03N	None	103	221.6	16.1	0	659	13	235.0	196.2	180.0	183.3	262.4	230.9
Latham	EX5339SS	STX	103	221.3	16.8	0	654	17	230.0	192.6	169.7	185.9	276.8	221.4
Channel	205-19STXRIB	STX,B	105	220.9	16.9	1	652	18	237.9	196.6	179.3	167.4	265.6	237.1
Latham	LH5509SSRIB	STX,B	105	220.5	17.5	0	648	20	219.5	200.8	179.5	169.9	272.1	240.0
Prairie Brand	5406SX	STX	104	219.4	18.1	1	641	29	217.7	186.4	179.1	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	200.9	183.3	269.5	241.9
Federal	5370SSTAX	STX	103	217.8	16.9	0	643	26	230.1	185.1	189.6	178.5	286.5	208.8
NorthStar	NS104-167GENSSRIB	STX,B	104	217.8	16.9	1	643	27	228.7	181.1	169.5	175.1	272.2	231.8
NuTech/G2 Gen	5Z-503 ^A	OI	103	217.7	16.7	3	644	22	166.2	220.2	199.9	174.2	280.0	247.8
Wyffels	W3228RIB	STX,B	103	217.5	16.6	1	644	23	214.2	196.4	189.6	176.9	264.7	235.5
Renk	RK675DGV2P	VT2P,DG,B	103	216.6	16.1	0	644	24	233.4	199.9	189.3	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
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
Previous years average yield for region, 191.2 bu/a, 15 yrs														

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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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2016 Corn Grain - Minnesota Southwest [MNSW]



Early-Season Test Products (63 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	6073	None	MQ	101
Anderson	6284	None	MQ	98
Anderson	684R	RR2	MQ	98
Channel	197-50VT2PRIB	VT2P,B	AC,P5V	97
Channel	199-29STXRIB	STX,B	AC,P5V	99
Channel	199-72STXRIB	STX,B	AC,P5V	99
Channel	201-28VT2PRIB	VT2P,B	AC,P5V	101
Curry	XC-1600YHR	OI	MQ,P1V,R	100
Dairyland	DS-9198RA	STX,B	CM,C5,Vi,In	98
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dairyland	DS-9701RA	STX,B	CM,C2	101
Dekalb	DKC49-72RIB GC	STX,B	AC,P5V	99
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D37SS60	STX	AC,P5V	97
Enestvedt	E696SSRIB	STX,B	AC,P5	100
Federal	4240VT2PRIB	VT2P,B	AC,P2	92
Federal	4760VT2PRIB	VT2P,B	AC,P2	97
Federal	5060VT2PRIB	VT2P,B	AC,P2	100
Federal	5140CONV	None	CM,C2	101
Latham	LH4859SSRIB	STX,B	AC,P5V	98
Latham	LH4955VT2ProRIB	VT2P,B	AC,P2	99
Latham	LH5099SS	STX	AC,P5V	100
Latham	LH5109SSRIB	STX,B	AC,P5V	101
LG Seeds	LG5467STX	STX	AC,P5V	97
LG Seeds	LG5470STXRIB	STX,B	AC,P5V	98
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100
LG Seeds	LG5501VT2PRIB	VT2P,B	AC,P5V	100
Mustang	4298GENVT2PRIB	VT2P,B	AC,P2	98
Mustang	5700GENVT2P	VT2P	AC,P2	100
Mustang	6701-3011A	3011,A	CM,C2	101
Mustang	6800GENSS	STX	AC,P5V	100
NorthStar	NS100-464GENSSRIB	STX,B	AC,P5V	100
NorthStar	NS100-531GENSS	STX	AC,P2	100
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech	X5V-9901	3111,A	AVC,C2,Vi	99
NuTech/G2 Gen	5F-196 [^]	AM,B	MQ,P5V	96
NuTech/G2 Gen	5F-198 [^]	AM,B	MQ,P5V,R	98
NuTech/G2 Gen	5Z-601 [^]	OI,AQ	MQ,P1V,R	101
NuTech/G2 Gen	X5Z-9902 [^]	OI	MQ,P1V,R	99
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98
Pfister	57A1SSR	STX,B	CM,C5,Vi,In	97
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100

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2016 Corn Grain - Minnesota Southwest [MNSW]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	5303	None	MQ	103
Anderson	533R	RR2	MQ	103
Channel	202-20STXRIB	STX,B	AC,P5V	102
Channel	202-52STXRIB	STX,B	AC,P5V	102
Channel	203-01STXRIB	STX,B	AC,P5V	103
Channel	205-19STXRIB	STX,B	AC,P5V	105
Curry	923-83AMXT	AMXT,B	MQ,P5V,R	103
Dairyland	DS-9204	STX	CM,C5,Vi,In	104
Dairyland	DS-9403	STX	CM,C5,Vi,In	103
Dairyland	DS-9802	STX	CM,C5,Vi,In	102
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dyna-Gro	D45SS65	STX	AC,P5V	105
Epley	E1410	None	MQ	104
Federal	5245VT2P	VT2P	AC,P2	102
Federal	5370SSTAX	STX	AC,P5V	103
Federal	5445CONV	None	CM,C2	104
Federal	5550SSTAXRIB	STX,B	AC,P5V	105
Latham	EX5339SS	STX	AC,P5V	103
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102
Latham	LH5402RR	RR2	AC,P2	104
Latham	LH5509SSRIB	STX,B	AC,P5V	105
LG Seeds	LG5507STXRIB	STX,B	AC,P5V	103
LG Seeds	LG5520STX	STX	AC,P5V	105
Mustang	0404CONV	None	AC,P2	104
Mustang	8805GENSS	STX	AC,P5V	105
NorthStar	NS102-168DGV2P	VT2P,DG	AC,P2	102
NorthStar	NS104-167GENSSRIB	STX,B	AC,P5V	104
NuTech/G2 Gen	5F-504 ^a	AM,B	MQ,P5V,R	104
NuTech/G2 Gen	5H-502 ^a	HX,RR2	MQ,P5V	102
NuTech/G2 Gen	5K-702 ^a	OIXT	MQ,P1V,R	102
NuTech/G2 Gen	5Z-503 ^a	OI	MQ,P1V,R	103
Pfister	2385RASS	STX,B	CM,C5,Vi,In	104
Pfister	62A1VX	HXT,RR2	CM,C5,Vi,In	102
Pfister	65B1VX	HXT,RR2	CM,C5,Vi,In	105
Pfister	X14503VX	HXT,RR2	CM,C5,Vi,In	103
Pioneer	P0297AMXT GC	AMXT,AQ,B	MQ,C2	102
Pioneer	P0570AMXT GC	AMXT,B	MQ,C2,Lu	105
Prairie Brand	5385RA	STX,B	CM,C5,Vi,In	103
Prairie Brand	5406SX	STX	CM,C5,Vi,In	104
Renk	RK666SSTX	STX,B	AC,P5V	102
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103

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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. 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. VPMxx® 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®, VPMxx® 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® TRIsect (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.