

2018 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Early-Season Test

96 - 101 Day CRM

B2018MNSWa

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Easton	Jackson	Jeffers	Lamberton#	Wabasso
Miller Hybrids	M00-49	None	100	222.6	18.2	12	706	2	213.8	229.7	172.8	212.7	234.1
Dairyland	DS-9599	3000GT	99	221.8	16.7	11	711	1	200.8	226.6	174.5	235.5	224.3
LG Seeds	LG5465VT2RIB	VT2P,B	97	216.1	16.5	10	694	3	179.3	240.9	173.0	214.8	229.5
Dairyland	DS-7101	PC	101	214.3	17.6	3	683	5	195.4	229.8	126.5	217.7	214.4
Wyffels	W2506	VT2P	101	214.1	16.9	4	686	4	183.6	234.4	123.9	214.3	223.9
Golden Harvest	G00H12-3010	3010	100	212.8	16.9	17	681	6	189.2	233.2	123.9	218.7	210.0
Dairyland	RPM-4018AM	AM,AQ,B	101	211.1	17.3	10	674	8	177.6	239.1	123.6	220.3	207.3
Anderson	684R	RR2	98	210.8	16.5	10	677	7	197.3	224.5	123.0	210.9	210.4
Pfister	60C2PC	PC	100	210.2	17.6	4	669	12	173.9	217.6	123.9	221.2	228.1
Viking	57-01	None	101	209.6	17.0	12	671	10	187.9	228.5	123.1	210.4	211.7
NuTech	5N-800	3011,A	100	209.5	17.1	12	670	11	185.1	229.6	123.4	230.8	192.6
Pfister	1785VA	3220	99	208.6	17.0	6	668	13	171.7	228.3	123.5	216.9	217.4
Titan Pro	EXP 84-01 SS	STX,B	101	208.6	17.7	3	664	14	195.1	226.8	123.5	209.4	202.9
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	206.7	17.5	6	659	17	183.9	234.0	123.5	198.7	210.3
NuTech/G2 Gen	5FN-2596	OI	96	206.6	16.9	8	662	16	184.4	209.3	123.8	225.1	207.6
Epley	E9520	None	95	206.4	16.4	4	664	15	185.9	217.6	123.0	223.7	198.2
Federal	5280VT2PRIB	VT2P,B	102	205.4	16.9	4	658	18	176.0	229.1	123.9	211.7	204.7
Dahlman	R50-357SSRIB	STX,B	100	205.3	17.0	9	657	19	178.2	230.8	123.1	201.9	210.1
Wyffels	W1636	VT2P	96	203.5	16.5	4	654	20	189.3	227.0	123.0	210.2	187.6
Federal	4880SSTAXRIB	STX,B	98	203.4	17.0	11	651	21	176.8	213.8	123.8	215.9	207.1
Golden Harvest	G97N86-3110	3110	97	202.9	16.8	13	650	22	183.0	213.3	123.7	215.3	199.9
Mustang	4297VT2PRIB	VT2P,B	97	202.3	16.4	3	650	23	184.6	223.5	123.3	203.3	197.8
Latham	LH4937VT2Pro	VT2P	99	201.9	16.4	7	649	24	194.4	216.9	123.8	197.8	198.5
Federal	4990SSTAX	STX	99	200.9	16.7	7	644	26	169.9	215.4	123.9	215.0	203.1
Renk	RK587VT2P	VT2P,B	97	200.7	16.4	10	645	25	185.0	225.8	123.2	190.6	201.4
Latham	LH5137VT2Pro	VT2P	101	200.6	17.5	3	639	29	177.2	212.7	121.5	217.7	194.8
Dekalb	DKC50-08RIB	STX,B	100	200.3	17.0	5	641	27	169.6	221.2	114.2	218.8	191.7
Anderson	611SRC	STX,B	100	199.4	17.3	6	637	31	172.5	210.6	148.1	214.4	200.0
Dahlman	R48-21VT2PRIB	VT2P,B	96	199.3	16.4	13	641	28	181.6	222.0	146.2	184.4	209.2
NorthStar	NS 94-162VT2PRIB	VT2P,B	94	199.2	16.6	4	639	30	186.2	214.0	130.4	199.1	197.4
Pioneer	P0157 CK	AQ	101	211.0	17.3	10	674	9	172.8	229.2	138.7	239.9	201.9
Averages =				197.2	16.8	8	632		173.8	213.8	141.8	203.2	198.0
LSD (0.10) =				9.4	0.3	5			17.8	15.2	21.2	16.5	14.9
LSD (0.25) =				4.7	0.2	3			9.4	8.0	11.1	8.7	7.8

Data Rejected - Not in Summary

Mark Querna

Mark Querna

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Previous years average yield for region, 193.6 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.25 GMO; \$3.25 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; ‡ = 3 reps.

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Report Date: 11/12/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Full-Season Test

102 - 106 Day CRM

B2018MNSWb

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For Gross Income (Sorted by Yield), (16) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Easton	Jackson	Jeffers	Lamberton	Wabasso
Pioneer	P0589 GC	AQ	105	221.9	17.9	3	705	1	152.3	231.3	221.5	222.8	211.8
Pfister	66Y3PE	PC,E	106	217.9	19.1	9	686	2	185.8	238.6	207.8	222.7	202.6
Pfister	64F1PE	PC,E	104	215.7	18.7	4	681	4	170.9	218.3	212.8	227.1	204.4
Viking	55-02	None	102	215.5	18.4	13	682	3	177.4	229.6	200.2	222.8	209.3
Viking	51-04	None	104	214.3	18.0	23	680	5	173.2	217.5	197.7	223.7	218.2
Dairyland	DS-7603PE	PC,E	103	213.7	18.5	6	676	6	169.3	237.4	208.1	218.8	190.4
Viking	63-05	None	104	211.3	18.8	5	667	7	169.3	214.3	202.4	215.3	213.2
Wyffels	W4196RIB	VT2P,B	105	209.8	18.1	3	666	8	159.2	214.6	208.4	215.5	200.7
NuTech/G2 Gen	E5FN-A604	OI	104	209.8	18.3	7	665	9	159.2	217.6	204.8	203.2	213.5
Titan Pro	TP 70-06	None	106	209.6	18.3	6	664	11	160.8	225.0	179.4	226.6	207.3
NK Brand	NK0602-3010	3010	106	209.4	18.3	3	663	12	160.8	211.9	199.6	218.3	207.8
Latham	LH5245VT2ProRIB	VT2P,B	102	208.1	17.1	2	665	10	160.8	233.2	195.2	213.4	190.4
LG Seeds	LG53C50STX	STX	103	208.1	17.5	10	663	13	160.8	222.7	199.2	212.8	197.6
Pioneer	P0306AM GC	AM,AQ,B	103	205.1	18.1	8	651	14	160.8	216.9	208.1	210.0	185.4
NK Brand	NK0624-3220-EZR	3220,B	106	204.7	18.8	6	646	18	160.8	224.4	203.0	210.2	181.0
Pfister	65G1SE	STX,E	105	204.0	18.5	1	645	20	160.8	230.7	185.6	216.3	183.5
Latham	LH5487VT2Pro	VT2P	104	203.9	17.8	4	648	15	160.8	225.8	193.8	203.1	193.0
Dairyland	RPM-4318AM	AM,B	104	203.9	18.0	10	647	16	160.8	230.2	189.8	203.7	192.0
Dairyland	DS-7106PE	PC,E	106	203.8	19.0	6	642	22	160.8	221.1	216.6	218.9	158.5
Viking	42-05	None	105	203.5	18.0	4	646	19	160.8	221.9	179.0	210.4	202.8
Latham	LH5505VT2ProRIB	VT2P,B	105	202.8	17.4	3	647	17	160.8	221.3	183.4	210.4	196.2
LG Seeds	LG5525VT2RIB	VT2P,B	105	202.5	18.0	3	643	21	160.8	225.1	189.0	201.7	194.1
Pioneer	P0339AMXT GC	AMXT,AQ,B	103	201.4	18.2	2	638	24	160.8	226.5	191.2	199.2	188.6
Titan Pro	TP 77-06 SS	STX,B	106	201.2	18.1	2	638	25	160.8	233.0	184.2	204.8	182.7
Hefty	H5522VT2P	VT2P	105	200.8	17.6	3	640	23	160.8	226.6	187.4	191.5	197.5
Pioneer	P0589AMXT GC	AMXT,AQ,B	105	200.7	18.4	3	635	28	161.2	203.0	187.6	211.7	200.5
Renk	RK737VT2P	VT2P	106	200.3	18.4	5	634	29	141.1	217.8	190.7	194.1	198.5
Miller Hybrids	M03-33	None	103	200.0	17.6	26	637	27	137.0	207.0	192.6	216.4	183.8
Golden Harvest	G06Q68-3220-EZR	3220,B	106	199.6	18.9	3	629	31	142.7	216.8	194.6	202.0	185.1
NuTech/G2 Gen	5F-702	AM,B	102	197.9	17.6	10	630	30	145.5	215.9	202.5	197.8	175.5
Pioneer	P0157 CK	AQ	101	201.2	18.1	4	638	26	118.5	203.5	188.8	228.2	184.2
Averages =				197.1	17.9	6	626		152.4	213.8	187.6	200.6	186.2
LSD (0.10) =				9.9	0.4	4			23.2	15.8	16.8	15.9	20.4
LSD (0.25) =				5.2	0.2	2			12.2	8.3	8.8	8.3	10.7

Data Rejected - Not in Summary

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Previous years average yield for region, 193.6 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$.025 Prices = \$3.25 GMO; \$3.25 non-GMO

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Revised:

2018 Corn Grain - Minnesota Southwest [MNSW]



Early-Season Test Products (72 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	611SRC	STX,B	AC,P5V	100
Anderson	675VT2P	VT2P,B	AC,P2	98
Anderson	6811	None	MQ	100
Anderson	684R	RR2	MQ	98
Blue River	38G54	None	M	96
Dahlman	R48-21VT2PRIB	VT2P,B	AC,P2	96
Dahlman	R49-23VT2PRIB	VT2P,B	AC,P2	98
Dahlman	R50-357SSRIB	STX,B	AC,P5V	100
Dairyland	DS-7101	PC	CM,C5,Vi,In	101
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101
Dekalb	DKC50-08RIB	STX,B	AC,P5V	100
Enestvedt	E658VT2Pro	VT2P	AC,P2	96
Enestvedt	E696SSRIB	STX,B	AC,P5V	100
Enestvedt	E699SSRIB	STX,B	AC,P5V	99
Epley	E9520	None	MQ	95
Epley	E9840	None	MQ	98
Federal	4880SSTAXRIB	STX,B	AC,P5V	98
Federal	4990SSTAX	STX	AC,P5V	99
Federal	5280VT2PRIB	VT2P,B	AC,P2	102
Golden Harvest	G00H12-3010	3010	AVC,C2,Vi	100
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97
Hefty	H4724SS	STX	HC	97
Hefty	H4922VT2P	VT2P	HC	99
Hefty	H5003VT2PDGRIB	VT2P,DG,B	HC	100
Hefty	H5024SS	STX	HC	100
Latham	LH4835VT2Pro	VT2P	CE,C2	98
Latham	LH4937VT2Pro	VT2P	AC,P5V	99
Latham	LH5025VT2ProDGRIB	VT2P,DG,B	AC,P2	100
Latham	LH5137VT2Pro	VT2P	AC,P5V	101
LG Seeds	LG46C73VT2PRORIB	VT2P,B	AC,P5V	96
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99
LG Seeds	LG5505STXRIB	STX,B	AC,P5V	101
Miller Hybrids	M00-49	None	AVC,C5	100
Miller Hybrids	M98-70	None	CM,C2	98
Mustang	4296VT2PRIB	VT2P,B	AC,P2	96
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97
Mustang	5897SSRIB	STX,B	AC,P5V	97
Mustang	7801SSRIB	STX,B	AC,P5V	101

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
NK Brand	NK9659-3120-EZR	3120,B	AVC,C2,Vi	96
NK Brand	NK9852-3010	3010	AVC,C2,Vi	98
NorthStar	NS 100-464GENSSRIB	STX,B	AC,P5V	100
NorthStar	NS 100-530VT2PRIB	VT2P,B	AC,P2	100
NorthStar	NS 94-162VT2PRIB	VT2P,B	AC,P2	94
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech/G2 Gen	5FB-7099	AM,B	CM,C2,R,Lu	99
NuTech/G2 Gen	5FN-2596	OI	MQ,P5V,R	96
Pfister	1785VA	3220	CM,C5,Vi,In	99
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100
Pfister	60C2PC	PC	CM,C5,Vi,In	100
Pioneer	P0157 CK	AQ	MQ,C2,R	101
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C2,R,Lu	99
Proseed	1898VT2PRIB	VT2P,B	AC,P2	98
Renk	8-593SSTX	STX	AC,P5V	99
Renk	RK579DGV2P	VT2P,DG	AC,P2	98
Renk	RK587VT2P	VT2P,B	AC,P2	97
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100
Titan Pro	85-96	None	AC,P2	96
Titan Pro	EXP 84-01 SS	STX,B	AC,P5V	101
Titan Pro	TP 71-98 2P	VT2P,B	AC,P2	98
Titan Pro	TP 78-98 SS	STX,B	AC,P5V	98
Viking	44-98	None	CM,C2	98
Viking	46-96	None	AC,P5V	96
Viking	57-01	None	CM,C2	101
Viking	99-00	None	CM,C2	100
Wyffels	W1636	VT2P	AC,P5V	96
Wyffels	W2086RIB	VT2P,B	AC,P5V	98
Wyffels	W2196RIB	VT2P,B	AC,P2	99
Wyffels	W2506	VT2P	AC,P2	101

2018 Corn Grain - Minnesota Southwest [MNSW]



Full-Season Test Products (60 Total)

Company/Brand	Product/Brand†	Technol. †	Seed Trt. †	RM
Anderson	5303	None	MQ	103
Dairyland	DS-7106PE	PC,E	CM,C5,Vi,In	106
Dairyland	DS-7603PE	PC,E	CM,C5,Vi,In	103
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102
Dekalb	DKC53-56RIB GC	STX,B	AC,P5V	103
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dekalb	DKC55-84RIB GC	STX,B	AC,P5V	105
Epley	E1312SS	STX	AC,P5V	103
Federal	5570VT2PRIB	VT2P,B	AC,P2	105
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106
Hefty	H5302VT2PRIB	VT2P,B	HC	103
Hefty	H5504SSRIB	STX,B	HC	105
Hefty	H5522VT2P	VT2P	HC	105
Hefty	H5524SS	STX	HC	105
Latham	LH5245VT2ProRIB	VT2P,B	AC,P2	102
Latham	LH5487VT2Pro	VT2P	AC,P5V	104
Latham	LH5505VT2ProRIB	VT2P,B	AC,P2	105
Latham	LH5635VT2ProRIB	VT2P,B	AC,P2	106
LG Seeds	LG53C50STX	STX	AC,P5V	103
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105
Miller Hybrids	M03-33	None	AVC,C5	103
Miller Hybrids	M06-39	None	CM,C2	106
Mustang	6805SSRIB	STX,B	AC,P5V	105
Mustang	7202VT2P	VT2P,B	AC,P2	102
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103
NK Brand	NK0602-3010	3010	AVC,C2,Vi	106
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106
NorthStar	NS 104-167GENSSRIB	STX,B	AC,P5V	104
NuTech/G2 Gen	5F-702	AM,B	MQ,P5V,R	102
NuTech/G2 Gen	5FB-3603	AM,B	CM,C2,R,Lu	103
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104
Pfister	63A3SSR	STX,B	CM,C5,Vi,In	103
Pfister	64F1PE	PC,E	CM,C5,Vi,In	104
Pfister	65G1SE	STX,E	CM,C5,Vi,In	105
Pfister	66Y3PE	PC,E	CM,C5,Vi,In	106
Pioneer	P0157 CK	AQ	MQ,C2,R	101
Pioneer	P0306AM GC	AM,AQ,B	MQ,C5,R,Lu	103
Pioneer	P0339AMXT GC	AMXT,AQ,B	MQ,C2,R,Lu	103

[illegible]

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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