

2017 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Early-Season Test

96 - 101 Day CRM

B2017MNSWa

Top 30 of 72

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Easton	Jeffers	Tracy		
				Bu/A ↓	%	%	\$/A	Rank	Jackson	Lake Crystal			
Pfister	1785GT3	3000GT	98	247.4	14.9	8	779	1	230.7	296.5	244.1	224.9	240.9
Prairie Brand	5148GT	GT	101	244.1	15.2	1	768	2	229.4	264.4	258.3	244.1	224.4
LG Seeds	LG5465VT2P	VT2P	97	241.3	15.0	0	760	3	225.4	270.9	244.7	244.7	220.6
Viking	57-01N	None	101	240.9	15.0	1	759	4	260.2	222.1	260.1	239.8	222.1
Federal	5280VT2P	VT2P	102	239.1	15.0	3	753	5	224.3	227.6	251.2	244.9	247.6
Viking	89-99N Art	None,A	99	238.0	14.9	7	750	6	241.6	257.9	253.9	229.6	207.1
Golden Harvest	G01D24-3120-EZR	3120,B	101	234.6	15.1	3	738	7	229.2	233.4	224.7	254.0	231.9
NuTech	5N-800	3011,A	100	232.3	15.7	3	728	9	227.3	252.2	229.0	243.8	209.3
Anderson	6284	None	98	231.3	14.8	1	729	8	230.1	266.8	220.4	244.6	194.6
NuTech/G2 Gen	5FN-7099^	OI	99	229.6	14.5	0	723	10	214.4	252.6	232.1	225.8	223.2
Mustang	4297VT2PRIB	VT2P,B	97	228.1	15.0	0	719	11	218.5	241.0	234.3	243.9	202.7
NuTech/G2 Gen	5F-196^	AM,B	96	227.1	14.7	7	715	12	249.4	227.1	212.7	227.2	218.9
Epley	E1020	None	100	226.7	15.0	9	714	13	243.3	234.6	201.8	228.8	225.1
Golden Harvest	G96V99-3120-EZR	3120,B	96	226.2	15.0	1	713	14	213.7	271.6	204.8	234.2	206.6
Latham	LH4919SS	STX	99	225.7	15.2	0	710	15	194.7	252.5	237.2	228.9	215.4
Thunder	4600RR	RR2	100	224.7	14.9	2	708	16	208.5	240.3	227.4	232.1	215.4
Titan Pro	TP 75-01 SS	STX	101	223.8	15.2	0	704	17	208.8	234.9	222.9	226.4	226.1
Viking	44-98	None	98	223.3	14.6	1	703	18	217.9	235.1	232.5	226.2	204.7
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	223.2	14.9	0	703	19	214.0	207.9	222.8	248.3	222.8
LG Seeds	LG5499STXRIB	STX,B	100	222.3	15.3	5	699	20	216.6	231.7	221.1	221.1	221.1
Hefty	H5114SS	STX	101	221.2	15.2	0	696	21	200.3	243.1	219.4	232.0	211.0
Dahlman	R48-21VT2P	VT2P	96	221.0	14.7	0	696	22	194.8	218.8	235.7	231.5	224.3
Renk	RK629VT3P	VT3P,B	101	220.8	15.1	5	695	23	202.6	228.5	219.9	227.0	225.9
Dyna-Gro	D39DC43	VT2P,DG	99	220.4	14.9	0	694	24	214.6	228.4	218.1	212.0	228.9
NuTech/G2 Gen	5FN-5096^	OI	96	219.8	14.7	1	692	25	212.1	244.5	212.7	225.3	204.3
Mustang	7801SSRIB	STX,B	101	219.7	15.0	0	692	26	188.0	226.1	226.1	220.2	238.3
Viking	53-01 Art	None,A	101	219.0	15.4	4	688	29	211.4	235.8	220.8	217.3	209.7
Wyffels	W2198RIB	STX,B	100	218.7	14.8	0	689	27	198.0	229.7	232.7	230.2	202.8
Renk	RK612SSTX	STX,B	100	218.7	14.9	4	689	28	200.8	236.5	212.7	222.1	221.6
Hefty	H5003VT2PDGRIB	VT2P,DG,B	100	218.5	14.8	0	688	30	212.8	208.1	219.1	224.7	227.8
Dekalb	DKC52-84RIB CK	STX,B	102	206.2	14.9	0	650	51	211.7	219.2	194.4	210.0	195.8

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Averages =	214.4	14.9	2	675	203.9	226.6	214.7	221.7	205.1
LSD (0.10) =	8.3	0.2	3		18.1	19.6	15.4	17.7	19.9
LSD (0.25) =	4.4	0.1	1		9.5	10.3	8.1	9.3	10.5

Previous years average yield for region, 188.6 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.15 GMO; \$3.15 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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2017 Corn Grain Top 30 Performance Summary for Minnesota Southwest [MNSW]



Full-Season Test

102 - 105 Day CRM

B2017MNSWb

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For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Easton	Jackson	Jeffers	Lake Crystal	Tracy
				Bu/A	%	%	\$/A	Rank					
Pfister	65B1RR	RR2	105	257.5	16.9	7	799	1	271.8	267.7	228.3	284.8	234.9
Wyffels	W4196	VT2P	105	251.6	16.9	0	781	2	239.8	268.3	256.9	244.5	248.6
Viking	63-05	None	105	251.4	16.8	2	781	3	261.2	239.1	247.5	257.5	251.5
Golden Harvest	G03A50-3120-EZR	3120,B	103	241.4	16.5	3	751	4	237.1	246.0	247.3	249.0	227.5
Pioneer	P0589 GC	None	105	240.1	16.4	0	748	5	230.5	256.6	215.1	255.5	242.9
Renk	RK642SSTX	STX	103	240.0	16.3	0	748	6	214.7	257.1	237.8	239.1	251.4
Dairyland	DS-9804SSX	STX	104	239.0	16.3	0	745	8	232.2	235.5	245.8	250.6	231.0
Dahlman	R52-24VT2P	VT2P	103	238.4	15.8	1	746	7	243.8	241.8	225.6	252.6	228.0
Champion	52A18VT2PRO	VT2P	102	236.9	16.1	2	740	9	241.7	233.2	249.5	240.3	219.7
Mustang	7803SSRIB	STX,B	103	236.9	16.2	0	739	10	233.9	249.7	245.9	230.6	224.4
NuTech/G2 Gen	5F-504^	AM,B	104	236.9	16.7	4	736	11	259.5	212.8	232.6	240.5	239.0
Dahlman	R53-354SSRIB	STX,B	105	236.0	16.5	0	735	12	235.4	264.7	220.7	233.1	226.3
LG Seeds	LG5530VT2P	VT2P	105	234.5	16.5	4	730	14	221.2	241.8	240.9	250.0	218.4
Golden Harvest	G03C84-3120-EZR	3120,B	103	234.4	16.4	13	730	15	246.9	245.0	230.2	237.5	212.4
Hefty	H5212VT2P	VT2P	102	233.9	16.0	0	731	13	229.6	237.4	244.7	250.3	207.5
Wyffels	W3078RIB	STX,B	106	233.8	16.5	0	728	16	239.1	240.6	226.9	237.5	225.0
Prairie Brand	5398SX	STX	103	232.9	16.3	0	726	17	216.4	232.1	244.6	234.5	236.9
NorthStar	NS104-167GENSSRIB	STX,B	104	232.9	16.4	1	725	18	215.7	231.0	247.7	246.3	224.0
Latham	LH5505VT2ProRIB	VT2P,B	105	232.0	16.7	3	721	19	255.4	234.2	230.0	216.8	223.7
Viking	42-05	None	105	232.0	17.0	6	719	21	250.0	208.5	255.8	246.4	199.3
NuTech/G2 Gen	X5FN-0306^	OI	103	231.3	16.4	5	720	20	238.4	257.0	222.6	237.8	200.9
Dekalb	DKC54-38RIB GC	STX,B	104	231.2	16.7	0	718	22	228.8	239.7	229.0	234.3	224.4
Pioneer	P0589AMXT GC	AMXT,AQ,B	105	230.3	16.6	0	716	23	221.6	241.5	232.0	236.5	219.8
Pfister	63A3SS	STX	103	229.6	16.5	0	715	24	221.5	228.7	226.7	231.7	239.4
Federal	5550CONV	None	105	229.6	17.0	7	712	25	233.3	222.5	245.2	221.5	225.7
Dekalb	DKC54-36 GC	None	104	227.9	16.3	1	710	26	243.8	235.9	216.1	226.6	217.0
Pfister	61D2SSR	STX,B	101	226.2	16.4	2	705	27	216.3	228.2	229.4	233.2	224.0
Mustang	7202VT2PRIB	VT2P,B	102	225.2	16.1	0	703	28	216.1	257.0	221.8	225.7	205.2
Latham	LH5245VT2Pro	VT2P	102	224.8	16.1	0	702	30	224.4	237.6	211.7	247.4	203.1
NuTech/G2 Gen	5F-702^	AM,B	102	224.4	15.6	3	703	29	197.4	244.7	219.7	253.7	206.5
Dekalb	DKC52-84RIB CK	STX,B	102	209.2	15.5	0	656	46	218.2	219.1	202.5	213.5	192.8

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Averages =	223.9	16.3	2	698	224.5	231.5	220.4	230.7	212.5
LSD (0.10) =	8.9	0.3	3		18.6	19.2	20.0	15.6	22.2
LSD (0.25) =	4.7	0.1	1		9.8	10.1	10.5	8.2	11.7

Previous years average yield for region, 188.6 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.15 GMO; \$3.15 non-GMO

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Early-Season Test Products (72 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Anderson	611SRC	STX,B	AC,P2	101
Anderson	6284	None	MQ	98
Anderson	669SRC	STX,B	AC,P2	97
Anderson	7995	None	MQ	95
Champion	50A18VT2PRO	VT2P	AC,P5V	100
Champion	51A18DGV2PRO	VT2P,DG	AC,P2	101
Dahlman	R48-21VT2P	VT2P	AC,P5V	96
Dahlman	R49-23VT2PRIB	VT2P,B	AC,P2	98
Dahlman	R49-342SSRIB	STX,B	AC,P5V	98
Dahlman	R51-22VT2P	VT2P	AC,P5V	101
Dekalb	DKC44-13RIB GC	STX,B	AC,P5V	94
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101
Dekalb	DKC52-84RIB CK	STX,B	AC,P5V	102
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99
Enestvedt	E696SSRIB	STX,B	AC,P5V	100
Enestvedt	E698VT2Pro	VT2P	AC,P5V	100
Epley	E1020	None	MQ	100
Federal	5060SSTAXRIB	STX,B	AC,P5V	100
Federal	5280VT2P	VT2P	AC,P5V	102
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96
Golden Harvest	G98L17-3000GT	3000GT	AVC,C2,Vi	98
Hefty	H4812VT2P	VT2P	AC,P2,In	98
Hefty	H4912VT2P	VT2P	AC,P2,In	99
Hefty	H5003VT2PDGRIB	VT2P,DG,B	AC,P2,In	100
Hefty	H5114SS	STX	AC,P5V,In	101
Latham	LH4657VT2Pro	VT2P	AC,P5V	96
Latham	LH4919SS	STX	AC,P5V	99
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100
Latham	LH5095VT2ProRIB	VT2P,B	AC,P2	100
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100
Mustang	7801SSRIB	STX,B	AC,P2	101
NorthStar	NS100-531GENSSRIB	STX,B	AC,P5V	100
NorthStar	NS96-103GENSSRIB	STX,B	AC,P5V	96
NuTech	5N-800	3011,A	MQ,P5V,R	100
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99
Pfister	1740RASS	STX,B	CM,C5,Vi,In	98
Pfister	1785GT3	3000GT	CM,C5,Vi,In	98
Pfister	60B1SSR	STX,B	CM,C5,Vi,In	100
Prairie Brand	5148GT	GT	CM,C5,Vi,In	101
Proseed	1595VT2PRIB	VT2P,B	AC,P2	95
Proseed	1598VT2PRIB	VT2P,B	AC,P2	98
Proseed	GX695-3000GT	3000GT	CM,C2	95
Proseed	PX694VT2PRIB	VT2P,B	AC,P2	94
Renk	RK595SSTX	STX,B	AC,P5V	99
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100
Renk	RK612SSTX	STX,B	AC,P5V	100
Renk	RK629VT3P	VT3P,B	AC,P2	101
Thunder	4600RR	RR2	AC,P2	100
Thunder	6798VT2PRIB	VT2P,B	AC,P2	98
Thunder	7396VT2PRIB	VT2P,B	AC,P2	96
Titan Pro	TP 58-01 2P	VT2P,B	AC,P5V	101
Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Titan Pro	TP 71-98 2P	VT2P	AC,P2	98
Titan Pro	TP 75-01 SS	STX	AC,P5V	101
Viking	44-98	None	AC,P2	98
Viking	53-01 Art	None,A	CM,C2	101
Viking	57-01N	None	CM,C2	101
Viking	89-99N Art	None,A	CM,C2	99
Wyffels	W1886	VT2P	AC,P5V	97
Wyffels	W1968RIB	STX,B	AC,P5V	101
Wyffels	W2086RIB	VT2P,B	AC,P2	98
Wyffels	W2198RIB	STX,B	AC,P5V	100

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. VPM [®] 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 [®] , VPM [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
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)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore [™] (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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