

2017 Corn Grain Top 30 Performance Summary for Minnesota Southeast [MNSE]



Early-Season Test

95 - 100 Day CRM

B2017MNSEa

Top 30 of 56

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Cannon Falls	Dexter	Eyota	New Richland	
				Bu/A ↓	%	%	\$/A	Rank			Kasson		
Pfister	1785GT3	3000GT	98	266.9	16.9	0	828	1	279.4	263.8	276.5	282.2	232.7
Viking	57-01N	None	101	261.5	17.2	0	809	2	264.9	259.1	281.7	253.9	248.0
Viking	89-99N Art	None,A	99	255.1	17.0	8	791	3	274.9	254.6	256.9	275.8	213.1
Golden Harvest	G96V99-3120-EZR	3120,B	96	253.4	16.7	2	787	4	267.9	243.9	261.7	274.8	218.8
Golden Harvest	G97N86-3110	3110	97	251.8	16.7	0	782	5	256.9	244.7	274.4	247.6	235.6
Mustang	4297VT2PRIB	VT2P,B	97	250.4	17.2	0	775	6	264.0	230.3	263.0	254.3	240.4
LG Seeds	LG5465VT2P	VT2P	97	246.6	16.7	0	766	7	260.5	241.1	256.5	257.7	217.2
NuTech	5N-800	3011,A	100	246.4	17.5	0	761	8	250.0	225.3	249.1	264.2	243.5
NorthStar	NS100-464GENSSRIB	STX,B	100	246.2	17.5	0	760	9	254.8	234.8	259.8	253.4	228.0
Viking	44-98	None	98	244.4	16.6	0	760	10	261.2	234.1	253.9	245.9	226.7
Golden Harvest	G94U87-3110A	3110,A	94	243.1	16.7	0	755	11	256.8	243.8	259.1	239.2	216.8
Renk	RK612SSTX	STX,B	100	241.4	17.3	0	747	14	260.3	225.7	258.4	245.0	217.4
NuTech/G2 Gen	5FN-7099^	OI	99	241.3	16.9	0	749	12	234.1	228.3	267.0	238.5	238.8
Titan Pro	TP 65-00 2P	VT2P,DG	100	241.2	17.1	0	747	15	252.2	241.6	259.9	230.6	221.8
Anderson	6284	None	98	240.9	16.8	0	748	13	251.1	218.3	259.9	248.4	226.7
Hefty	H4812VT2P	VT2P	98	240.3	16.7	0	747	16	264.4	223.7	253.6	243.5	216.2
Latham	LH5099SSRIB	STX,B	100	240.2	17.1	0	744	17	253.0	231.3	266.8	241.5	208.4
Enestvedt	E696SSRIB	STX,B	100	240.0	17.4	0	742	19	253.9	228.0	256.4	236.6	225.0
Epley	E1020	None	100	239.8	17.2	0	742	20	244.5	210.9	259.3	248.5	235.9
Wyffels	W2086RIB	VT2P,B	98	239.5	16.7	0	744	18	241.2	225.0	254.7	245.0	231.7
Dyna-Gro	D39DC43	VT2P,DG	99	239.2	16.9	0	742	21	260.8	216.9	252.5	239.8	225.9
NuTech/G2 Gen	5F-196^	AM,B	96	238.0	16.8	0	739	22	253.0	244.2	263.8	240.9	188.1
Wyffels	W2198RIB	STX,B	100	236.4	17.0	0	733	23	265.2	227.1	235.1	252.1	202.6
Latham	LH4919SS	STX	99	235.5	17.4	0	728	24	255.9	231.1	226.4	266.9	197.0
NuTech/G2 Gen	5FN-5096^	OI	96	234.4	16.9	0	727	25	247.3	234.6	255.8	240.5	193.7
Mustang	5700VT2PDGRIB	VT2P,DG,B	100	233.8	17.3	0	723	26	262.2	219.6	253.2	227.9	206.0
Jacobsen Seed	JS4121	None	100	231.8	17.0	0	719	27	230.4	230.9	243.7	240.9	213.0
Latham	LH5025VT2ProDG	VT2P,DG	100	231.1	17.1	0	716	29	242.5	218.2	256.8	239.2	198.9
Wyffels	W1886	VT2P	97	230.8	16.5	0	718	28	250.3	228.2	224.7	239.7	210.9
Blue River	38G54	None	96	230.0	16.5	0	716	31	244.7	233.7	228.6	235.4	207.6
Pioneer	P9929AMXT CK	AMXT,B	99	230.9	16.9	0	716	30	245.4	212.9	244.9	237.9	213.5

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Averages =	231.4	16.9	0	718	245.1	222.5	244.3	237.1	208.2
LSD (0.10) =	7.7	0.3	1		14.6	15.4	16.2	17.8	19.0
LSD (0.25) =	4.1	0.2	1		7.7	8.1	8.5	9.4	10.0

Previous years average yield for region, 198.2 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 Southeast [MNSE]



Full-Season Test

101 - 104 Day CRM

B2017MNSEb

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Cannon Falls	Dexter	Eyota	Kasson	New Richland
Viking	72-04N	None	104	270.7	18.4	7	830	1	278.6	284.1	285.9	249.1	256.0
Wyffels	W4196	VT2P	105	259.8	18.8	0	794	2	286.2	258.6	263.6	253.3	237.4
Latham	LH5402RR	RR2	104	258.4	18.6	1	791	3	273.9	242.6	283.3	261.9	230.1
Golden Harvest	G03C84-3120-EZR	3120,B	103	258.0	18.5	0	790	5	276.4	260.0	278.4	249.0	226.0
Jacobsen Seed	JS4249	None	104	257.2	18.3	1	789	6	290.4	265.0	258.5	251.8	220.2
Golden Harvest	G05B91-3010	3010	105	257.1	18.8	0	785	7	280.8	252.1	288.5	238.5	225.4
Golden Harvest	G01D24-3120-EZR	3120,B	101	257.0	17.9	0	791	4	275.2	255.1	278.3	227.0	249.6
Hefty	H5214SS	STX	102	255.8	18.4	0	784	8	278.3	258.1	275.8	234.8	232.1
Dekalb	DKC54-36	None	104	253.0	18.3	0	776	9	273.1	255.4	271.6	237.8	226.9
Renk	RK642SSTX	STX	103	252.1	18.6	0	771	10	282.4	246.2	265.0	248.5	218.5
Latham	LH5245VT2Pro	VT2P	102	251.4	18.6	0	769	12	264.7	253.8	280.8	239.2	218.7
Blue River	51T59	None	103	250.8	18.2	0	770	11	269.7	247.0	276.3	230.2	230.6
Mustang	7803SSRIB	STX,B	103	250.2	18.3	0	767	13	273.4	249.6	271.7	235.4	220.7
Hefty	H5104SSRIB	STX,B	101	249.1	18.2	0	765	14	254.2	240.3	279.3	262.2	209.4
AgriGold	A6267STXRIB	STX,B	102	246.9	18.4	0	757	15	268.3	244.0	261.8	253.2	207.4
Dairyland	DS-9802RA	STX,B	102	246.6	18.2	0	757	16	264.1	245.4	262.3	247.6	213.4
Titan Pro	TP 75-01 SS	STX	101	246.2	18.0	0	757	17	259.7	255.2	248.3	247.3	220.3
LG Seeds	LG5499STXRIB	STX,B	100	245.4	18.2	1	753	18	267.6	237.8	269.6	239.5	212.3
NorthStar	NS104-167GENSSRIB	STX,B	104	244.2	18.4	0	748	19	250.1	258.5	259.7	248.5	204.1
Dairyland	DS-9804SSX	STX	104	243.1	18.4	0	745	21	273.8	244.5	238.7	258.5	200.2
Mustang	7202VT2PRIB	VT2P,B	102	242.6	17.9	0	747	20	262.6	229.2	256.5	247.3	217.5
Pfister	62A1SSR	STX,B	102	241.6	18.4	0	741	22	249.2	230.6	248.1	250.1	229.9
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	240.5	17.8	0	741	23	239.3	225.1	257.0	254.5	226.6
NuTech/G2 Gen	5F-503^	AM,B	103	239.6	17.9	0	737	24	256.9	227.5	256.9	254.1	202.5
Wyffels	W3076RIB	VT2P,B	102	239.3	18.2	0	735	25	249.1	232.1	258.5	232.8	223.9
Renk	RK680SSTX	STX,B	103	239.2	18.4	0	733	26	263.5	230.2	256.1	255.3	191.1
LG Seeds	LG5505STX	STX	102	238.3	17.9	3	733	27	240.3	239.6	249.6	254.7	207.3
Prairie Brand	5398SX	STX	103	238.2	18.2	0	731	28	263.0	247.4	239.8	241.2	199.4
Titan Pro	TP 61-01 3122A	3122,A,B	101	238.0	18.3	0	730	29	255.1	219.5	263.3	251.0	201.2
Viking	53-01 Art	None,A	101	237.0	17.9	0	729	30	263.7	245.0	253.8	231.7	190.8
Pioneer	P9929AMXT CK	AMXT,B	99	236.0	17.8	0	727	33	246.5	233.2	247.7	244.1	208.7

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Averages =	239.7	18.2	0	736	254.2	237.9	254.2	244.6	207.3
LSD (0.10) =	7.8	0.4	1		16.1	16.8	17.4	16.5	19.4
LSD (0.25) =	4.1	0.2	1		8.5	8.8	9.1	8.6	10.2

Previous years average yield for region, 198.2 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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Early-Season Test Products (56 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
AgriGold	A6199STXRIB	STX,B	AC,P5V	95
AgriGold	A629-22STX	STX	AC,P5V	99
AgriGold	A630-31VT2RIBD1	VT2P,DG,B	AC,P5V	100
Anderson	6284	None	MQ	98
Anderson	675VT2P	VT2P,B	AC,P2	98
Anderson	7995	None	MQ	95
Blue River	38G54	None	M	96
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96
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
Golden Harvest	G94U87-3110A	3110,A	AVC,C2,Vi	94
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97
Hefty	H4812VT2P	VT2P	AC,P2,ln	98
Hefty	H4904SSRIB	STX,B	AC,P5V,ln	99
Hefty	H4912VT2P	VT2P	AC,P2,ln	99
Hefty	HCEXP9812	VT2P	AC,P2,ln	98
Jacobsen Seed	JS4121	None	MQ,P2	100
Latham	LH4657VT2Pro	VT2P	AC,P5V	96
Latham	LH4919SS	STX	AC,P5V	99
Latham	LH5025VT2ProDG	VT2P,DG	AC,P5	100
Latham	LH5099SSRIB	STX,B	AC,P5V	100
LG Seeds	LG5465VT2P	VT2P	AC,P5V	97
LG Seeds	LG5494VT2P	VT2P	AC,P5V	99
Mustang	4297VT2PRIB	VT2P,B	AC,P2	97
Mustang	5299VT2PRIB	VT2P,B	AC,P2	99
Mustang	5700VT2PDGRIB	VT2P,DG,B	AC,P2	100
Mustang	6800SSRIB	STX,B	AC,P2	100
NorthStar	NS100-464GENSSRIB	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
NuTech/G2 Gen	5FN-5096^	OI	MQ,P1V,R	96
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97
NuTech/G2 Gen	5FN-7099^	OI	MQ,P1V,R	99
Pfister	1740RASS	STX,B	CM,C5,Vi,ln	98
Pfister	1785GT3	3000GT	CM,C5,Vi,ln	98
Pfister	60B1SSR	STX,B	CM,C5,Vi,ln	100
Pioneer	P9929AMXT CK	AMXT,B	MQ,C2,R,Lu	99
Renk	RK595SSTX	STX,B	AC,P5V	99

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Renk	RK596SSTX	STX,B	AC,P5V	98
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100
Renk	RK612SSTX	STX,B	AC,P5V	100
Titan Pro	TP 58-95 SS	STX	AC,P5V	95
Titan Pro	TP 65-00 2P	VT2P,DG	AC,P2	100
Titan Pro	TP 78-98 SS	STX	AC,P5V	98
Viking	44-98	None	AC,P2	98
Viking	51-95N	None	CM,C2	95
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

2017 Corn Grain - Minnesota Southeast [MNSE]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
AgriGold	A6267STXRIB	STX,B	AC,P5V	102
AgriGold	A6346VT2RIB	VT2P,B	AC,P5V	104
AgriGold	A6355STXRIB	STX,B	AC,P5V	103
Anderson	5303	None	MQ	103
Anderson	611VT2P	VT2P,B	AC,P2	101
Blue River	51T59	None	M	103
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104
Dekalb	DKC52-84RIB GC	STX,B	AC,P5V	102
Dekalb	DKC54-36	None	AC,P2	104
Dyna-Gro	D44VC36	VT2P	AC,P5V	104
Dyna-Gro	D45SS65	STX	AC,P5V	105
Golden Harvest	G01D24-3120-EZR	3120,B	AVC,C2,Vi	101
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105
Hefty	H5104SSRIB	STX,B	AC,P5V,In	101
Hefty	H5114SS	STX	AC,P5V,In	101
Hefty	H5214SS	STX	AC,P5V,In	102
Hefty	H5302VT2PRIB	VT2P,B	AC,P2,In	103
Jacobsen Seed	JS4249	None	MQ,P2	104
Latham	LH5215VT2ProRIB	VT2P,B	AC,P2	102
Latham	LH5245VT2Pro	VT2P	AC,P5V	102
Latham	LH5339SSRIB	STX,B	AC,P5V	103
Latham	LH5402RR	RR2	AC,P2	104
LG Seeds	LG5499STXRIB	STX,B	AC,P5V	100
LG Seeds	LG5505STX	STX	AC,P5V	102
LG Seeds	LG5507STXRIB	STX,B	AC,P5V	103
Mustang	7202VT2PRIB	VT2P,B	AC,P2	102
Mustang	7801SSRIB	STX,B	AC,P2	101
Mustang	7803SSRIB	STX,B	AC,P2	103
NorthStar	NS103-169GENSSRIB	STX,B	AC,P5V	103
NorthStar	NS104-167GENSSRIB	STX,B	AC,P5V	104
	254.2	244.6	207.3 MQ,P5V,R	103
	17.4	16.5	19.4 MQ,P5V,R	101
	9.1	8.6	10.2 MQ,P1V,R	103
Pfister	61D2SSR	STX,B	CM,C5,Vi,In	101
Pfister	62A1SSR	STX,B	CM,C5,Vi,In	102
Pfister	63A3SS	STX	CM,C5,Vi,In	103
Pioneer	P0157AMX GC	AMX,AQ,B	MQ,C2,R	101
Pioneer	P9929AMXT CK	AMXT,B	MQ,C2,R,Lu	99
Prairie Brand	5398SX	STX	CM,C5,Vi,In	103
Renk	RK629VT3P	VT3P,B	AC,P2	101

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Renk	RK642SSTX	STX	AC,P5V	103
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103
Renk	RK680SSTX	STX,B	AC,P5V	103
Titan Pro	TP 53-03 2P	VT2P,B	AC,P5V	103
Titan Pro	TP 58-01 2P	VT2P,B	AC,P5V	101
Titan Pro	TP 61-01 3122A	3122,A,B	CM,C2	101
Titan Pro	TP 75-01 SS	STX	AC,P5V	101
Viking	40-03UP	None	CM,C2	103
Viking	53-01 Art	None,A	CM,C2	101
Viking	72-04N	None	CM,C2	104
Wyffels	W2618RIB	STX,B	AC,P5V	104
Wyffels	W3076RIB	VT2P,B	AC,P5V	102
Wyffels	W3228RIB	STX,B	AC,P5V	103
Wyffels	W4196	VT2P	AC,P5V	105

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 [®] TRIssect (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.