

2018 Corn Grain Top 30 Performance Summary for Minnesota Southeast [MNSE]



Early-Season Test

96 - 101 Day CRM

B2018MNSEa

Top 30 of 64

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Cannon Falls	Dexter	Eyota	Kasson	New Richland
Dairyland	DS-9599	3000GT	99	236.9	18.8	10	747	1		236.7	238.8	258.4	213.8
Hefty	H5024SS	STX	100	232.0	19.3	8	729	2		235.5	231.5	249.5	211.5
Pfister	1785VA	3220	99	230.7	18.8	3	728	3		231.0	242.7	241.5	207.5
Viking	57-01	None	101	229.5	18.8	14	724	6		229.2	230.4	239.2	219.1
LG Seeds	LG5465VT2RIB	VT2P,B	97	229.4	18.6	7	725	4		229.9	238.9	234.1	214.8
NK Brand	NK9852-3010	3010	98	229.3	18.5	9	725	5		231.9	240.9	243.7	200.8
Dekalb	DKC50-08RIB	STX,B	100	229.0	19.2	4	720	7		220.7	234.3	241.7	219.3
Pfister	60C2PC	PC	100	228.7	19.7	3	716	8		219.6	241.3	238.8	215.1
Mustang	4297VT2PRIB	VT2P,B	97	226.4	18.7	6	715	9		210.7	239.8	241.7	213.4
Enestvedt	E696SSRIB	STX,B	100	223.6	19.3	4	703	11		198.8	232.7	258.3	204.4
Dairyland	RPM-4018AM	AM,AQ,B	101	223.0	19.3	6	701	13		222.1	225.9	243.4	200.4
Golden Harvest	G97N86-3110	3110	97	222.6	18.6	12	703	12		220.4	234.0	244.8	191.1
NorthStar	NS 100-464GENSSRIB	STX,B	100	222.1	19.0	3	700	14		216.0	222.7	254.0	195.8
NuTech	5N-800	3011,A	100	221.7	19.2	7	697	16		223.0	226.3	229.9	207.7
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	221.2	19.3	4	695	18		193.6	235.2	244.9	211.0
Hefty	H4922VT2P	VT2P	99	220.8	18.5	5	698	15		207.2	228.7	227.2	219.9
Latham	LH4937VT2Pro	VT2P	99	220.4	18.7	5	696	17		207.6	239.9	235.6	198.6
AgriGold	A629-22STXRIB	STX,B	99	220.2	19.0	4	694	19		212.5	232.9	229.3	205.9
Titan Pro	EXP 84-01 SS	STX,B	101	220.0	20.0	1	688	23		205.7	236.0	229.3	209.1
NK Brand	NK9738-3110	3110	97	219.5	18.7	16	693	21		206.1	223.1	249.3	199.4
NuTech/G2 Gen	5FN-2596	OI	96	219.3	18.8	7	692	22		201.4	232.2	231.6	211.9
Dairyland	DS-7101	PC	101	219.2	19.6	3	687	25		224.4	235.2	211.5	205.6
Anderson	6898	None	98	219.0	18.3	6	694	20		211.1	230.3	240.3	194.3
Hefty	H4724SS	STX	97	218.7	19.5	6	686	27		221.4	211.0	222.4	220.1
Mustang	7801SSRIB	STX,B	101	218.3	19.0	5	688	24		207.9	232.9	225.9	206.4
Pioneer	P9870AM GC	AM,B	98	218.0	19.0	21	687	26		195.6	238.8	224.5	212.9
Latham	LH5137VT2Pro	VT2P	101	217.2	19.4	3	682	31		225.3	216.6	224.8	201.9
Enestvedt	E699SSRIB	STX,B	99	216.8	18.7	6	685	28		200.6	223.4	236.7	206.6
Renk	RK579DGV2P	VT2P,DG	98	215.6	18.3	5	683	29		194.4	227.4	224.3	216.1
Epley	E9840	None	98	215.6	18.3	7	683	30		211.2	230.1	223.1	197.8
Pioneer	P0157 CK	AQ	101	225.1	19.1	4	709	10		218.6	229.0	228.6	224.3
Averages =				215.9	18.8	8	681			209.0	223.7	229.5	201.5
LSD (0.10) =				8.2	0.3	5				14.2	11.9	14.9	12.5
LSD (0.25) =				4.3	0.2	3				7.5	6.3	7.8	6.6

Test Abandoned - severely lodged

Mark Querna

Mark Querna

mark.querna@firstseedtests.com, (507) 380-9920

Previous years average yield for region, 203.5 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; ‡ = 2 reps.

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2018 Corn Grain Top 30 Performance Summary for Minnesota Southeast [MNSE]



Full-Season Test

102 - 106 Day CRM

B2018MNSEb

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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	Cannon Falls	Dexter	Eyota	Kasson	New Richland
Viking	55-02	None	102	247.3	20.9	5	767	1		240.3	252.3	269.7	226.7
NuTech/G2 Gen	E5FN-A604	OI	104	241.7	21.0	8	749	3		231.9	260.2	257.0	217.8
Pioneer	P0589 GC	AQ	105	239.8	19.7	3	751	2		240.7	252.1	254.9	211.5
Dairyland	DS-7106PE	PC,E	106	239.5	21.0	5	742	6		236.1	244.3	256.8	220.6
Dairyland	DS-7603PE	PC,E	103	239.4	20.4	7	746	4		220.0	254.5	261.2	221.8
Pfister	66Y3PE	PC,E	106	239.4	20.6	9	745	5		236.7	258.5	260.1	202.4
Pfister	64F1PE	PC,E	104	237.7	20.7	4	739	7		217.7	261.6	257.2	214.1
Viking	63-05	None	104	236.6	20.8	3	735	8		233.7	226.6	253.5	232.4
LG Seeds	LG5525VT2RIB	VT2P,B	105	232.8	20.1	5	727	9		232.6	234.1	248.8	215.8
Viking	51-04	None	104	231.1	20.2	23	721	10		215.9	247.5	262.4	198.4
Hefty	H5524SS	STX	105	230.0	20.4	3	716	11		225.5	234.7	251.1	208.6
Viking	42-05	None	105	229.4	20.1	3	716	12		219.3	241.1	233.5	223.8
Pfister	65G1SE	STX,E	105	228.9	20.8	1	711	15		217.6	241.1	242.9	213.9
AgriGold	A635-54VT2RIB	VT2P,B	105	228.8	20.2	5	714	13		220.2	241.7	241.9	211.5
Latham	LH5487VT2Pro	VT2P	104	228.0	20.1	4	712	14		222.9	240.7	239.0	209.5
AgriGold	A636-56STXRIB	STX,B	106	228.0	20.3	8	711	16		225.3	237.9	237.1	211.6
Mustang	6805SSRIB	STX,B	105	227.5	20.1	4	710	17		217.1	231.4	251.4	210.0
AgriGold	A633-94STX	STX	103	225.1	20.0	16	703	19		213.6	231.9	235.9	218.8
Epley	E1312SS	STX	103	225.0	20.1	1	703	20		216.2	225.1	233.6	225.0
Titan Pro	82-04 2P	VT2P,B	104	224.8	19.6	3	705	18		210.2	233.5	251.1	204.3
Renk	RK604SSTX	STX	102	224.7	19.8	6	703	21		223.8	236.0	235.4	203.7
Golden Harvest	G06Z97-3120-EZR	3120,B	106	224.7	20.2	18	701	22		205.2	237.8	238.8	216.9
Titan Pro	TP 70-06	None	106	224.2	20.3	6	699	26		223.9	232.8	238.3	201.6
Pioneer	P0589AMXT GC	AMXT,AQ,B	105	224.1	20.1	3	700	23		213.7	239.5	240.2	203.1
Wyffels	W4196RIB	VT2P,B	105	224.1	20.1	8	700	24		213.4	233.7	236.0	213.4
Renk	RK737VT2P	VT2P	106	223.4	19.8	11	699	27		218.7	223.8	251.6	199.3
Dyna-Gro	D47SS29RIB	STX,B	106	222.8	19.6	4	698	28		204.1	234.2	250.9	201.9
Dairyland	RPM-4318AM	AM,B	104	222.6	20.1	8	695	30		213.2	239.8	241.1	196.2
Hefty	H5502VT2PRIB	VT2P,B	105	221.9	19.5	3	696	29		216.6	219.7	228.1	223.1
NuTech/G2 Gen	5F-702	AM,B	102	220.8	19.4	8	693	31		213.7	226.8	234.4	208.2
Pioneer	P0157 CK	AQ	101	223.2	19.5	4	700	25		208.5	227.6	233.8	222.8
Averages =				221.0	20.0	8	691			212.2	230.3	236.1	205.5
LSD (0.10) =				8.7	0.3	5				15.4	11.5	14.0	15.6
LSD (0.25) =				4.6	0.2	3				8.1	6.1	7.4	8.2

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Early-Season Test Products (64 Total)

Company/Brand	Product/Brand†	Technol. †	Seed Trt. †	RM
AgriGold	A628-20VT2RIB	VT2P,B	AC,P5V	98
AgriGold	A629-22STXRIB	STX,B	AC,P5V	99
AgriGold	A631-38VT2PRO	VT2P	AC,P5V	101
Anderson	611R	RR2	MQ	100
Anderson	611VT2P	VT2P,B	AC,P2	100
Anderson	669SRC	STX,B	AC,P5V	97
Anderson	6898	None	MQ	98
Blue River	38G54	None	M	96
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
De Dell Seeds	DL 4555	None	MQ	96
Dekalb	DKC46-36RIB GC	STX,B	AC,P5V	96
Dekalb	DKC50-08RIB	STX,B	AC,P5V	100
Enestvedt	E696SSRIB	STX,B	AC,P5V	100
Enestvedt	E699SSRIB	STX,B	AC,P5V	99
Epley	E9520	None	MQ	95
Epley	E9840	None	MQ	98
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	LG5465VT2RIB	VT2P,B	AC,P5V	97
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99
LG Seeds	LG5505STXRIB	STX,B	AC,P5V	101
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
NK Brand	NK9659-3120-EZR	3120,B	AVC,C2,Vi	96
NK Brand	NK9738-3110	3110	AVC,C2,Vi	97
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

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2018 Corn Grain - Minnesota Southeast [MNSE]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand†	Technol. †	Seed Trt. †	RM
AgriGold	A633-94STX	STX	AC,P5V	103
AgriGold	A635-54VT2RIB	VT2P,B	AC,P5V	105
AgriGold	A636-56STXRIB	STX,B	AC,P5V	106
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
De Dell Seeds	DL 6207	None	MQ	106
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106
Epley	E1312SS	STX	AC,P5V	103
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103
Golden Harvest	G06Z97-3120-EZR	3120,B	AVC,C2,Vi	106
Hefty	H5302VT2PRIB	VT2P,B	HC	103
Hefty	H5502VT2PRIB	VT2P,B	HC	105
Hefty	H5524SS	STX	HC	105
Hefty	H5624SS	STX	HC	106
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
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-503	AM,B	MQ,P5V,R	103
NuTech/G2 Gen	5F-702	AM,B	MQ,P5V,R	102
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	P0589 GC	AQ	MQ,C2,Lu	105
Pioneer	P0589AMXT GC	AMXT,AQ,B	MQ,C2,R	105
Renk	RK604SSTX	STX	AC,P5V	102
Renk	RK642SSTX	STX,B	AC,P5V	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.