

2016 Corn Grain Top 30 Performance Summary for Minnesota Southeast [MNSE]



Early-Season Test

95 - 100 Day CRM

B2016MNSEa

Top 30 of 63

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Cannon Falls		Eyota		Madison Lake	
				Bu/A ↓	%	%	\$/A	Rank	Dexter	Kasson	New Richland			
LG Seeds	LG5499STXRIB	STX,B	100	235.4	16.0	1	700	2	203.7	244.8	258.2	234.7	213.9	257.0
Mustang	6800GENSS	STX	100	233.3	16.0	0	694	4	208.5	243.8	242.4	243.9	213.9	247.4
Wyffels	W2080	None	98	233.0	15.2	3	698	3	225.8	226.8	240.4	238.5	215.6	251.0
NuTech/G2 Gen	5F-196^	AM,B	96	231.5	15.7	1	690	5	214.2	226.3	243.2	228.1	216.6	260.5
Enestvedt	E696SSRIB	STX,B	100	231.0	16.1	2	687	6	205.8	229.7	247.4	247.5	212.8	242.9
Dahlman	R50-357SSRIB	STX,B	100	229.3	16.1	1	682	8	197.3	244.7	246.1	230.9	208.6	248.0
NuTech	5N-800	3011,A	100	228.7	16.0	6	680	9	193.8	243.5	238.8	242.1	209.4	244.5
Channel	197-50VT2PRIB	VT2P,B	97	228.6	15.2	1	685	7	191.1	229.8	237.6	249.4	214.7	249.1
Latham	LH5099SS	STX	100	228.2	16.1	1	678	10	182.2	230.4	254.1	247.3	218.8	236.5
Renk	RK595SSTX	STX	99	227.3	15.8	2	677	13	206.8	230.7	225.0	242.5	213.4	245.5
NorthStar	NS100-464GENSSRIB	STX,B	100	227.1	15.5	1	678	11	200.8	222.3	239.3	248.1	215.7	236.5
LG Seeds	LG5470STXRIB	STX,B	98	226.6	15.4	2	678	12	184.0	226.6	256.4	256.3	210.4	225.6
AgriGold	A6257STXRIB	STX,B	100	226.5	15.4	2	677	14	186.8	238.2	236.1	247.1	214.6	236.3
Wyffels	W2198	STX	100	226.2	15.5	1	676	15	199.5	243.3	231.1	228.6	218.2	236.4
Channel	199-72STXRIB	STX,B	99	225.7	15.4	0	675	16	200.8	245.0	228.3	237.7	206.6	235.8
Channel	199-29STXRIB	STX,B	99	225.5	15.3	1	675	17	204.8	232.4	245.9	228.4	197.7	243.5
Mustang	0598CONV	None	98	225.5	15.5	1	674	18	195.7	220.7	244.0	247.5	208.1	236.8
Thunder	4600RR	RR2	100	225.2	15.3	1	674	19	182.9	233.5	235.0	245.5	211.0	243.0
Curry	815-20AMX	AMX,B	95	225.1	15.5	1	672	22	192.6	222.2	230.3	233.2	220.1	252.0
LG Seeds	LG5501VT2PRIB	VT2P,B	100	225.0	15.3	1	673	20	202.1	221.0	246.5	231.3	211.4	237.8
Titan Pro	TP 54-98 2P	VT2P,B	98	224.5	15.1	1	673	21	180.4	219.3	215.9	249.4	230.6	251.3
Dairyland	DS-9701RA	STX,B	101	224.4	15.5	2	670	24	185.6	243.1	228.9	250.0	209.3	229.3
Prairie Brand	5026RA	STX,B	100	224.3	15.6	1	670	25	180.0	237.5	227.9	243.9	207.5	248.7
Dyna-Gro	D37SS60	STX	97	224.3	15.6	2	670	26	191.6	230.6	222.8	255.7	204.2	240.7
Renk	RK608DGV2P	VT2P,DG	100	224.1	15.2	1	671	23	191.9	239.7	228.3	246.1	202.3	236.0
Titan Pro	TP 58-95 SS	STX,B	95	223.7	15.4	1	669	28	183.3	224.9	227.1	243.4	233.0	230.7
Viking	34-94N	None	94	223.2	14.9	1	670	27	198.9	206.8	233.0	256.2	210.5	233.9
AgriGold	A6237STX	STX	98	223.2	15.1	1	669	29	198.2	225.2	223.7	252.3	204.5	235.1
Dekalb	DKC49-72RIB GC	STX,B	99	223.0	15.5	1	666	30	180.3	231.2	235.3	239.9	216.7	234.5
NorthStar	NS96-103GENSS	STX	96	222.0	15.0	1	666	31	190.2	216.2	237.8	252.3	209.2	226.4
Dekalb	DKC50-84RIB CK	VT2P,B	100	235.6	15.3	7	705	1	202.8	235.3	236.3	259.8	224.1	255.1

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	222.2	15.5	2	664	192.2	225.9	231.1	236.6	210.1	237.4
	LSD (0.10) =	9.0	0.3	3		19.2	14.3	15.1	21.9	16.8	14.1
	LSD (0.25) =	6.3	0.2	2		13.4	10.0	10.6	15.3	11.7	9.8

Previous years average yield for region, 199.9 bu/a, 15 yrs

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.

Additional reports available at www.firstseedtests.com.

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Revised:

2016 Corn Grain Top 30 Performance Summary for Minnesota Southeast [MNSE]



Full-Season Test
101 - 104 Day CRM

B2016MNSEb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Cannon Falls		Eyota	Madison Lake		
				Bu/A ↓	%	%	\$/A	Rank	Dexter	Kasson	New Richland			
NuTech/G2 Gen	5F-504^	AM,B	104	245.6	16.8	1	726	1	219.4	234.0	242.8	281.6	230.0	266.0
NuTech/G2 Gen	5K-702^	OIXT	102	242.1	16.1	1	720	2	224.1	232.1	249.6	264.4	229.0	253.5
NuTech/G2 Gen	5Z-601^	OI,AQ	101	241.9	16.1	1	719	3	230.2	229.7	248.0	254.9	232.1	256.7
NuTech/G2 Gen	5Z-503^	OI	103	241.7	16.7	1	715	4	205.6	240.0	257.6	277.1	233.2	236.4
Channel	201-28VT2PRIB	VT2P,B	101	236.3	15.6	1	705	5	214.3	226.1	234.8	278.7	223.2	240.9
Titan Pro	TP 53-03 2P	VT2P,B	103	234.8	16.1	3	698	6	214.4	226.7	230.5	262.2	236.2	238.6
CBseed	CBX1644 GC	None	105	234.0	17.5	1	687	11	215.6	225.8	247.7	251.9	229.4	233.3
Mustang	0404CONV	None	104	233.5	16.4	5	692	8	215.1	231.0	233.1	258.8	227.9	234.8
Wyffels	W3228RIB	STX,B	103	233.4	16.3	1	693	7	215.9	242.6	237.4	260.3	202.4	241.8
Federal	5370SSTAX	STX	103	233.1	16.5	1	691	9	210.0	231.0	240.7	260.7	219.3	236.7
Dairyland	DS-9204	STX	104	232.7	17.7	1	682	15	204.0	240.9	239.0	252.3	223.1	236.6
Pfister	61C1VX	HXT,RR2	101	231.8	16.6	1	686	12	205.4	238.9	257.8	230.4	216.5	241.8
AgriGold	A6346STX	STX	104	231.8	17.5	1	681	18	198.8	231.4	243.2	255.6	212.2	249.7
Dairyland	DS-9802	STX	102	230.7	16.7	1	682	16	211.7	229.0	234.2	254.3	213.5	241.6
Latham	LH5109SSRIB	STX,B	101	230.3	15.9	2	686	13	209.9	231.5	241.0	265.5	206.6	227.0
Channel	203-01STXRIB	STX,B	103	230.2	16.5	4	682	17	186.5	232.5	235.1	271.3	215.4	240.6
Wyffels	W3076	VT2P	102	230.0	15.8	1	685	14	212.3	216.4	237.6	260.0	215.2	238.4
Latham	EX5339SS	STX	103	229.4	16.3	1	681	19	208.0	227.9	251.2	235.5	206.6	247.3
Prairie Brand	5406SX	STX	104	229.2	17.9	1	671	30	205.3	226.1	236.3	231.1	236.6	239.6
Prairie Brand	5127SX	STX	101	229.1	16.7	1	678	20	210.4	242.5	232.1	245.6	207.9	236.1
Epley	E1410	None	104	229.0	16.6	10	678	21	205.7	216.8	227.5	253.1	223.4	247.3
AgriGold	A6267STXRIB	STX,B	102	228.6	16.6	3	677	22	205.2	226.9	256.1	264.5	185.6	233.5
Latham	LH5402RR	RR2	104	228.2	16.3	4	677	23	209.7	214.5	229.2	252.9	209.2	253.5
Dekalb	DKC53-68RIB GC	STX,B	103	228.2	16.7	1	675	26	206.7	219.4	237.0	258.2	214.3	233.3
Renk	RK675DGVT2P	VT2P,DG,B	103	227.6	16.0	5	677	24	216.9	225.4	214.8	260.0	219.3	229.4
Renk	RK629VT3P	VT3P,B	101	227.6	16.6	2	674	27	211.2	218.8	220.6	250.7	224.8	239.7
Dyna-Gro	D43SS50	STX	103	227.4	16.9	2	671	31	210.7	225.5	236.4	251.9	217.4	222.2
Anderson	5303	None	103	227.3	16.0	1	676	25	204.3	237.8	232.8	258.2	202.0	228.4
Channel	202-20STXRIB	STX,B	102	226.3	16.2	1	672	29	203.3	230.2	235.6	261.6	196.8	230.1
Dyna-Gro	D44VC40	VT2P	104	226.0	15.8	1	673	28	210.8	224.4	232.1	242.6	203.2	242.8
Dekalb	DKC50-84RIB CK	VT2P,B	100	230.4	15.6	3	688	10	207.3	223.1	244.9	247.1	219.4	240.8

 Mark Querna mark.querna@firstseedtests.com, (507) 380-9920	Averages =	224.6	16.5	2	665	203.3	222.9	231.4	248.3	205.9	235.9
	LSD (0.10) =	10.4	0.4	4		18.2	17.4	20.1	19.7	18.1	17.9
	LSD (0.25) =	7.2	0.3	3		12.7	12.2	14.0	13.8	12.6	12.5

Previous years average yield for region, 199.9 bu/a, 15 yrs

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:

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. VPMaxx® 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®, VPMaxx® 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®TRIssect (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.