

2016 Corn Grain Top 30 Performance Summary for Iowa East Central [IAEC]



Early-Season Test

105 - 110 Day CRM

B2016IAECa

Top 30 of 63

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Central City		Oskaloosa		Victor	
				Bu/A ↓	%	%	\$/A	Rank	Muscatine	Palo	Washington	Washington		
Channel	209-53STXRIB	STX,B	109	246.1	17.9	1	685	2	247.9	245.2	240.2	243.9	239.4	260.2
Latham	LH5885VT2ProRIB	VT2P,B	108	246.0	17.3	1	690	1	252.9	258.8	258.1	227.9	231.4	246.7
Latham	LH6045VT2ProRIB	VT2P,B	110	242.9	18.6	1	670	5	255.0	258.6	227.4	235.3	229.5	251.5
NuTech/G2 Gen	5F-308^	AM,B	108	242.3	17.7	1	676	3	261.4	224.0	239.6	233.7	239.4	255.8
Augusta	A1108VT2ProRIB	VT2P,B	108	240.4	17.4	1	673	4	243.2	236.4	234.3	243.1	231.4	253.7
Pfister	68A1VX	HXT,RR2	108	240.4	18.1	1	667	6	260.3	239.4	223.8	246.7	233.5	238.7
Cornelius	C574DP	VT2P	107	237.3	17.2	1	666	7	241.8	246.9	221.6	225.9	246.9	240.9
Latham	LH5965VT2Pro	VT2P	109	237.1	17.3	2	665	8	264.6	226.5	233.6	222.0	226.3	249.6
Wyffels	W6946DGRIB	VT2P,DG,B	111	236.7	18.1	2	657	13	243.4	226.6	247.6	222.0	224.0	256.8
Cornelius	C585DP	VT2P	109	236.3	17.6	1	660	10	246.2	231.1	226.4	233.0	236.6	244.5
Dekalb	DKC58-06RIB GC	STX,B	108	236.0	17.8	1	658	11	240.1	254.4	239.5	212.9	237.5	231.8
NuTech/G2 Gen	5F-710^	AM,B	110	235.2	17.5	2	658	12	231.9	228.3	246.4	234.7	218.7	251.1
NuTech	5N-410	3000GT	110	235.2	18.1	1	653	15	254.6	242.9	231.5	221.8	228.5	232.0
Steyer	10707GENSS	STX	107	234.8	16.9	1	662	9	245.1	229.4	227.5	230.6	230.6	245.3
Renk	RK776SSTX	STX,B	107	234.5	17.8	1	653	16	229.0	239.1	233.6	227.8	233.1	244.1
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	233.9	17.9	1	651	17	238.5	227.6	225.3	223.6	255.1	233.4
Titan Pro	TP 66-10 2P	VT2P,B	110	233.7	17.5	1	654	14	251.9	238.5	202.6	229.3	234.9	245.1
Cornelius	C621SS	STX	110	233.0	17.7	1	650	18	244.0	215.0	220.8	221.7	240.3	256.2
FS InVISION	FS 60LX1	STX	110	232.8	17.7	1	650	19	231.5	227.2	245.1	227.3	219.4	246.2
Kruger	K4R-9409	STX,B	109	232.6	17.8	1	648	21	250.2	228.9	217.1	228.1	224.1	247.4
Pfister	69B1VX	HXT,RR2	109	232.6	18.1	2	646	23	243.1	221.4	218.5	223.1	229.8	259.6
Dyna-Gro	D46SS62	STX	106	231.5	17.3	1	649	20	236.4	232.5	240.7	238.8	210.5	229.9
Epley	E1612SS	STX	106	231.0	17.5	1	646	24	253.2	222.9	215.7	233.4	217.1	243.8
NuTech	5N-607	3000GT	107	230.2	17.8	1	641	30	236.0	239.2	218.4	222.0	224.7	241.0
LG Seeds	LG5554-3111	3111	108	230.1	17.5	1	644	25	237.5	227.8	227.0	229.7	228.8	229.8
FS InVISION	FS 60QV1 RIB	VT2P,B	110	229.8	17.5	1	643	27	237.5	228.4	226.1	222.7	227.9	235.9
Kruger	K4R-9608	STX,B	108	229.7	17.6	1	642	28	242.7	230.6	247.1	193.6	221.2	242.7
Prairie Brand	5646SX	STX	106	229.3	17.2	1	644	26	241.2	212.2	226.8	223.8	234.2	237.8
Champion	CSX57A16VT2ProRIB	VT2P,B	107	229.2	17.5	1	641	31	237.2	235.7	230.0	233.6	211.8	226.9
Wyffels	W4796RIB	VT2P,B	106	226.5	16.5	1	642	29	242.3	226.6	221.2	218.3	227.1	223.5
Pioneer	P1197AMXT CK	AMXT,B	111	232.1	17.8	3	647	22	248.4	209.7	259.7	190.9	234.5	249.3

Averages =	229.2	17.6	1	641	239.3	226.3	224.7	220.6	225.8	238.2
LSD (0.10) =	11.0	0.5	ns		13.4	17.2	19.6	19.3	14.8	15.0
LSD (0.25) =	7.7	0.4	ns		9.3	12.0	13.7	13.4	10.3	10.5

Previous years average yield for region, 201.2 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices = \$2.89 GMO; \$2.89 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:

2016 Corn Grain Top 30 Performance Summary for Iowa East Central [IAEC]



Full-Season Test
111 - 114 Day CRM

B2016IAECb

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Central City		Oskaloosa		Victor	
				Bu/A ↓	%	%	\$/A	Rank	Muscatine	Palo	Victor	Washington		
Channel	213-19VT2PRIB	VT2P,B	113	250.8	19.2	2	686	1	264.9	281.7	265.9	193.8	243.9	254.5
Wyffels	W7456RIB	VT2P,B	112	249.4	20.0	1	675	4	233.2	255.4	258.2	223.5	255.2	270.7
Wyffels	W7888RIB	STX,B	114	249.0	19.2	1	681	2	274.1	256.2	276.0	187.1	228.6	271.9
FS InVISION	FS 63ZX1 RIB	STX,B	113	243.9	19.4	1	665	8	256.8	268.5	237.5	197.4	236.4	266.8
Kruger	K4R-9811	STX,B	111	242.9	18.6	1	670	5	245.4	261.6	252.4	208.7	244.0	245.4
LG Seeds	LG5607VT2PRIB	VT2P,B	111	242.2	17.5	1	678	3	253.7	245.3	256.7	212.8	232.0	252.4
Kruger	KR-4313	VT2P,B	113	241.7	18.4	1	668	6	255.5	254.4	235.1	205.2	235.8	263.9
Channel	214-45DGVT2PRIB	VT2P,DG,B	114	241.7	18.4	1	668	7	240.2	224.2	259.6	229.1	227.5	269.6
Titan Pro	TP 55-11 2P	VT2P,B	111	241.2	18.9	1	662	11	246.8	246.2	253.3	224.1	223.8	252.7
Champion	CSX62A16VT2ProRIB	VT2P,B	112	240.4	18.5	1	664	9	244.9	247.3	255.4	213.5	227.3	254.1
Kruger	K4R-9913	STX,B	113	239.7	19.8	2	650	18	249.9	236.6	245.3	232.9	225.9	247.5
Cornelius	C712DGDP	VT2P,DG	112	239.6	18.2	1	664	10	235.3	252.8	238.3	221.5	240.7	248.7
FS InVISION	FS 64SX1 RIB	STX,B	114	239.4	19.5	3	652	16	234.9	236.6	252.8	216.6	234.9	260.3
Wyffels	W7696RIB	VT2P,B	113	238.3	19.0	2	653	15	253.8	230.1	247.8	221.8	225.6	250.9
LG Seeds	LG5643STX	STX	114	237.9	19.1	1	651	17	240.3	232.7	249.6	217.9	245.9	240.9
NuTech	5N-914	3000GT	114	237.3	20.0	1	642	29	238.5	242.8	241.9	214.8	248.9	236.8
Cornelius	C765SS	STX	114	237.0	19.7	1	644	26	249.5	249.1	253.6	173.0	238.1	258.6
Latham	LH6317VT2ProDGRIB	VT2P,DG,B	113	236.7	18.9	2	650	19	254.4	221.7	232.7	215.0	229.6	267.0
Champion	CSX64A15DGVT2ProRIB	VT2P,DG,B	114	236.7	18.9	4	650	20	254.7	214.9	243.9	208.3	218.1	280.2
Prairie Brand	6247SX	STX	112	236.6	18.2	1	656	13	251.5	219.9	237.8	218.7	232.0	259.6
Titan Pro	TP 68-14 SS	STX	114	236.5	19.5	2	644	27	258.2	241.1	262.4	177.3	233.3	246.7
Pfister	71C1VX	HXT,RR2	111	236.1	17.9	1	657	12	250.8	219.2	236.3	222.1	227.0	261.3
Renk	RK871VT2P	VT2P,B	111	236.0	18.8	1	649	22	245.5	258.9	238.0	226.3	212.4	234.9
Champion	CSX63A17DGVT2Pro	VT2P,DG	113	235.6	17.9	1	656	14	240.2	242.4	233.8	211.6	226.8	259.0
Kruger	K4R-9511	STX,B	111	234.8	18.3	1	650	21	236.4	247.5	237.1	201.3	232.3	253.9
Renk	RK924DGVT2P	VT2P,DG,B	114	234.7	19.0	3	644	28	255.2	210.7	261.5	215.6	212.5	252.6
Latham	EX6425VT2Pro	VT2P	114	233.6	18.4	2	646	23	241.6	246.4	221.3	227.5	225.1	239.4
Dairyland	DS-9513	STX	113	233.2	18.3	2	645	25	247.5	222.3	228.7	222.5	228.6	249.3
Titan Pro	TP 56-14 2P	VT2P,B	114	233.2	18.7	4	642	30	240.1	218.8	255.3	201.6	224.9	258.2
FS InVISION	FS 61SX1 RIB	STX,B	111	233.0	18.2	1	646	24	233.3	237.7	214.8	216.0	243.8	252.6
Pioneer	P1197AMXT CK	AMXT,B	111	228.4	18.5	5	630	40	250.0	210.1	276.4	185.8	197.2	250.8

Averages =	231.2	18.8	2	636	241.4	232.8	240.5	202.1	222.0	248.6
LSD (0.10) =	15.5	0.6	3		14.7	17.3	21.6	22.6	22.6	17.1
LSD (0.25) =	10.8	0.4	2		10.2	12.0	15.0	15.7	15.7	11.9

Previous years average yield for region, 201.2 bu/a, 16 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.037 Prices = \$2.89 GMO; \$2.89 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.