

2019 Corn Grain Top 30 Performance Summary for Iowa East Central [IAEC]

Early-Season Test

105 - 110 Day CRM

B2019IAECa

Top 30 of 63

For Gross Income (Sorted by Yield), (14) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Central City	Muscatine	Palo	Sully REJECTED	Victor	Washington *
LATHAM	LH5965VT2PRIB	VT2P,B	109	257.9	20.0	1	916	1	255.2	276.8	224.0	243.9	267.7	265.9
KRUGER	K0915DD	VT2P,DG,B	109	253.8	19.7	1	903	2	260.1	265.5	214.0	243.9	260.5	268.9
TITAN PRO	98-10 2P	VT2P	110	251.2	20.2	1	890	4	261.5	267.1	215.5	215.4	254.6	257.3
ARMOR	X9110	VT2P	108	250.1	19.8	1	889	5	251.6	261.6	233.6	231.8	250.8	252.7
LATHAM	LH5847VT2PRIB	VT2P,B	108	249.5	20.2	1	885	6	254.1	268.3	223.4	235.3	242.9	259.0
CHANNEL	208-38VT2PRIB	VT2P,B	108	249.1	19.1	1	891	3	271.9	252.1	222.9	255.8	236.5	262.0
DEKALB	DKC60-88RIB GC	VT2P,B	110	248.1	20.5	1	877	12	243.0	260.8	229.5	245.1	247.0	260.2
CHAMPION	60A20 VT2 PRO	VT2P,B	110	247.9	20.2	1	878	10	271.2	261.2	186.7	234.4	246.3	274.2
LATHAM	LH5725VT2PRIB	VT2P,B	107	247.6	19.4	1	884	8	262.0	265.9	229.1	235.5	233.4	247.4
INTEGRA	5719	VT2P,B	107	247.5	19.3	1	884	7	258.5	256.4	221.9	232.2	237.6	263.4
LG SEEDS	LG59C66VT2PRIB GC	VT2P,B	109	247.4	19.5	1	882	9	243.6	247.5	217.9	238.8	266.0	261.9
PIONEER	P1082AM GC	AM,B	110	246.7	19.8	1	878	11	255.0	281.3	191.8	239.9	236.0	269.2
TITAN PRO	94-09 2P	VT2P,B	109	245.3	19.7	2	873	13	256.3	237.1	221.4	235.5	244.5	267.0
CORNELIUS	C7125DP	VT2P	110	244.5	20.2	1	866	16	270.1	253.8	183.0	233.3	265.3	250.2
WYFFELS	W6408RIB	STX,B	110	242.7	20.5	1	858	25	253.8	267.4	189.3	235.5	244.7	258.1
WYFFELS	W5086	VT2P	107	242.3	18.7	1	869	14	250.4	254.8	199.4	230.2	243.2	263.5
KRUGER	K1005DP	VT2P,B	110	241.9	19.9	1	860	22	259.1	264.3	213.3	234.4	223.6	249.3
NK BRAND	NK0886-3120-EZR	3120,B	108	241.7	19.5	3	862	18	259.2	253.6	215.0	237.7	229.1	251.5
TITAN PRO	96-06 2P	VT2P,B	106	241.3	18.9	1	865	17	227.1	266.1	228.7	238.8	258.6	226.1
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	241.1	19.7	10	858	26	253.0	242.2	208.5	237.1	244.1	257.7
WYFFELS	W5626RIB	VT2P,B	108	240.2	19.1	2	859	23	249.7	253.2	197.2	237.1	247.5	253.6
KRUGER	K0807SS	STX,B	108	240.2	19.1	1	859	24	245.2	254.8	200.6	235.5	254.9	245.3
NUTECH	65H2Q	QR,B	105	240.1	18.8	1	861	21	243.1	242.0	218.2	235.5	237.2	260.2
PIONEER	P0688AM GC	AM,B	106	240.1	18.8	1	861	20	253.1	246.8	191.3	233.5	248.7	260.7
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	239.9	18.5	1	862	19	247.1	236.1	202.7	235.9	250.8	262.7
NUTECH	5FB-8808AM	AM,B	108	238.7	19.3	2	852	27	246.7	257.4	193.6	236.9	246.7	248.9
WYFFELS	W5516RIB	VT2P,B	108	238.2	19.1	1	851	28	235.6	251.9	211.5	240.7	263.1	228.8
KRUGER	K0917SS	STX,B	109	238.1	19.6	1	848	30	234.2	241.0	215.9	226.7	228.8	270.5
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	237.4	19.3	12	848	31	249.2	253.8	163.9	230.7	240.9	279.3
CHANNEL	210-79DGV2PRIB	VT2P,DG,B	110	237.2	19.1	1	849	29	247.2	240.1	195.7	221.1	237.7	265.3
DEKALB	DKC61-98RIB CK	VT2P,B	111	242.0	18.8	1	867	15	237.9	231.2	220.0	243.8	244.8	276.2

Data rejected - Not in summary



Randy Meinsma

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Averages =	236.4	19.5	2	846		244.3	247.1	202.5	236.9	242.8	249.9
LSD (0.10) =	8.6	0.4	3			15.6	13.2	18.9	21.2	10.6	13.0
LSD (0.25) =	4.5	0.2	1			8.2	6.9	9.9	11.1	5.5	6.8

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.70

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

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2019 Corn Grain Top 30 Performance Summary for Iowa East Central [IAEC]

Full-Season Test

111 - 115 Day CRM


B2019IAECb

Top 30 of 62

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Central City	Muscatine	Palo	Sully REJECTED	Victor	Washington
ARMOR	1118PRO2	VT2P	111	241.8	21.4	1	848	1	259.3	242.2	189.3	237.8	255.8	262.6
FEDERAL	6100VT2P	VT2P	111	239.4	21.7	1	838	2	256.8	264.3	188.8	229.4	227.1	259.8
FS INVISION	FS 6595V RIB	VT2P,B	115	238.2	23.6	1	820	11	267.0	217.7	211.9	262.0	224.6	269.8
INTEGRA	6284	STX,B	112	237.2	22.1	2	827	6	229.0	249.1	216.8	260.0	235.7	255.7
CHANNEL	213-93STXRIB	STX,B	113	237.2	23.0	1	821	9	256.3	246.1	192.9	221.2	241.3	249.2
ARMOR	1299PRO2	VT2P	112	237.1	21.5	1	831	5	235.3	263.5	176.5	243.1	236.1	273.8
WYFFELS	W6826	VT2P	111	236.6	21.2	1	832	4	244.1	240.8	207.9	210.0	237.8	252.2
WYFFELS	W7878	STX	114	236.2	22.4	1	822	8	247.0	238.8	201.9	207.6	236.9	256.4
CHANNEL	213-19VT2PRIB	VT2P,B	113	236.1	22.5	1	820	10	227.8	256.6	214.3	210.0	237.2	244.8
WYFFELS	W7696RIB	VT2P,B	113	235.8	23.2	1	814	18	245.4	236.8	202.3	207.8	249.5	244.8
RENK	RK945DGV2P	VT2P,DG,B	115	235.2	23.5	1	810	20	232.1	247.2	204.7	207.5	239.5	252.5
NUTECH	75G1AM	AM,B	115	234.9	22.6	2	815	16	231.5	256.6	185.4	207.3	239.3	261.8
AUGUSTA	A4465	3110,B	115	234.8	24.0	3	806	24	258.9	253.4	187.6	207.5	238.6	235.9
CORNELIUS	7228 VT2P	VT2P	112	234.6	21.2	4	824	7	253.6	237.1	184.5	207.8	243.7	254.3
KRUGER	K4R-9111	STX,B	111	234.2	22.2	1	816	15	232.7	235.7	198.2	207.1	239.8	264.6
FS INVISION	FS 6194V RIB	VT2P,B	111	234.1	21.6	1	820	12	241.1	230.5	215.8	207.0	239.5	243.7
WYFFELS	W7726	VT2P	113	234.0	22.2	1	815	17	231.9	239.0	200.0	207.8	235.4	263.6
NUTECH	5FB-2213AM	AM,B	113	233.8	21.5	7	819	13	208.0	241.9	199.1	207.7	246.3	273.6
KRUGER	K1114SS	STX,B	111	232.7	21.2	1	818	14	244.2	251.7	184.2	207.8	225.7	257.9
CHAMPION	61A17 DG VT2	VT2P,DG,B	111	232.2	22.3	1	809	22	246.8	226.9	194.0	207.1	228.2	265.1
INTEGRA	CX811113	STX,B	113	231.9	22.4	1	806	25	239.0	226.6	203.0	207.0	235.4	255.4
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	231.5	22.8	1	802	27	248.2	231.5	183.6	207.9	244.0	250.1
CHANNEL	211-44STXRIB	STX,B	111	231.2	21.4	1	811	19	246.9	249.8	183.8	207.0	236.5	239.1
GOLDEN HARVEST	G14N11-3110	3110	114	231.2	23.0	1	799	28	246.0	242.5	199.1	207.8	233.0	235.2
CORNELIUS	C7551SS	STX	115	231.0	23.4	1	797	30	246.3	232.0	182.3	207.8	239.0	255.3
CORNELIUS	C7366DGDP	VT2P,DG	113	230.3	21.1	1	809	21	237.2	232.7	178.3	207.9	248.1	255.4
FS INVISION	FS 62ZX1 RIB	STX,B	112	230.2	21.5	1	807	23	243.7	252.4	168.9	207.2	238.5	247.8
CHAMPION	62A18VT2PRORIB	VT2P,B	112	230.0	21.9	3	804	26	243.0	225.0	191.5	207.0	228.1	262.5
CHAMPION	61A19VT2PRORIB	VT2P,B	111	228.0	21.6	1	798	29	242.1	228.0	184.7	207.7	247.5	237.7
FEDERAL	6290VT2PRIB	VT2P,B	112	227.1	21.6	1	795	31	231.4	230.4	195.1	207.3	242.2	236.6
DEKALB	DKC61-98RIB CK	VT2P,B	111	235.6	20.1	1	835	3	240.7	219.3	209.4	207.6	238.3	270.2

Data rejected - Not in summary

	Averages =	228.4	22.4	2	794		239.4	234.8	187.1	243.1	233.2	247.3
	LSD (0.10) =	9.5	0.5	3			13.8	18.6	14.8	30.5	13.8	26.2
Randy Meinsma	LSD (0.25) =	5.0	0.3	2			7.3	9.7	7.8	16.0	7.2	13.7

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.70

† See last page for abbreviation descriptions. Dark colored 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 grain moisture limit for this test. **ns** = column values not significantly different. *There were 2 reps for the site.

Early-Season Test Products (63 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	X9105	VT2P	106
ARMOR	X9110	VT2P	108
AUGUSTA	A3058	3120,A,B	108
CHAMPION	57A19VT2PRORIB	VT2P,B	107
CHAMPION	58A18VT2PRORIB	VT2P,B	108
CHAMPION	59A20 3220 EZ	3220,B	109
CHAMPION	60A20 VT2 PRO	VT2P,B	110
CHANNEL	206-11VT2PRIB	VT2P,B	106
CHANNEL	208-38VT2PRIB	VT2P,B	108
CHANNEL	210-79DGV2PRIB	VT2P,DG,B	110
CORNELIUS	C478DP	VT2P	106
CORNELIUS	C575DP	VT2P	109
CORNELIUS	C633DP	VT2P	110
CORNELIUS	C7125DP	VT2P	110
DEKALB	DKC60-88RIB GC	VT2P,B	110
DEKALB	DKC61-98RIB CK	VT2P,B	111
DYNA-GRO	D50SS48	STX	110
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 57ZX1 RIB	STX,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UX1 RIB	STX,B	110
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	5770	STX	107
INTEGRA	5939	STX,B	109
KRUGER	K0716SS	STX,B	107
KRUGER	K0807SS	STX,B	108
KRUGER	K0915DD	VT2P,DG,B	109
KRUGER	K0917SS	STX,B	109
KRUGER	K1005DP	VT2P,B	110

Company/Brand	Brand/Product	Technology	RM
LATHAM	LH5725VT2PRIB	VT2P,B	107
LATHAM	LH5847VT2PRIB	VT2P,B	108
LATHAM	LH5965VT2PRIB	VT2P,B	109
LG SEEDS	LG5525VT2PRIB GC	VT2P,B	105
LG SEEDS	LG59C66VT2PRIB GC	VT2P,B	109
MIDWEST GENETICS	MW10-19 GC	STX	110
NK BRAND	NK0624-3220-EZR	3220,B	106
NK BRAND	NK0886-3120-EZR	3120,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NUTECH	5FB-8808AM	AM,B	108
NUTECH	65H2Q	QR,B	105
NUTECH	66B6Q	QR,B	106
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
PIONEER	P0688AM GC	AM,B	106
PIONEER	P1082AM GC	AM,B	110
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
RENK	RK763VT2P	VT2P,B	108
RENK	RK765VT2P	VT2P	108
TITAN PRO	94-09 2P	VT2P,B	109
TITAN PRO	96-06 2P	VT2P,B	106
TITAN PRO	98-10 2P	VT2P	110
WYFFELS	W5086	VT2P	107
WYFFELS	W5516RIB	VT2P,B	108
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110

Full-Season Test Products (62 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	1118PRO2	VT2P	111
ARMOR	1299PRO2	VT2P	112
ARMOR	X9112	STX	111
AUGUSTA	A4465	3110,B	115
AUGUSTA	A5162	3220,B	112
CHAMPION	61A17 DG VT2	VT2P,DG,B	111
CHAMPION	61A19VT2PRORIB	VT2P,B	111
CHAMPION	62A18VT2PRORIB	VT2P,B	112
CHAMPION	64A20 VT2 PRO	VT2P,B	114
CHANNEL	211-44STXRIB	STX,B	111
CHANNEL	213-19VT2PRIB	VT2P,B	113
CHANNEL	213-72VT2PRIB	VT2P,B	113
CHANNEL	213-93STXRIB	STX,B	113
CORNELIUS	7228 VT2P	VT2P	112
CORNELIUS	C7366DGDP	VT2P,DG	113
CORNELIUS	C7551SS	STX	115
DEKALB	DKC61-98RIB CK	VT2P,B	111
FEDERAL	6100VT2P	VT2P	111
FEDERAL	6290VT2PRIB	VT2P,B	112
FS INVISION	FS 6194V RIB	VT2P,B	111
FS INVISION	FS 62ZX1 RIB	STX,B	112
FS INVISION	FS 63ZX1 RIB	STX,B	113
FS INVISION	FS 64SX1 RIB	STX,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
GOLDEN HARVEST	G12U17-3010	3010	112
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113
GOLDEN HARVEST	G14N11-3110	3110	114
GOLDEN HARVEST	G15L32-3000GT	3000GT	115
INTEGRA	6284	STX,B	112
INTEGRA	6410	STX	114
INTEGRA	CX811113	STX,B	113
INTEGRA	CX821111	3010	111
KRUGER	K1114SS	STX,B	111
KRUGER	K1204SS	STX,B	112
KRUGER	K1501SS	STX,B	115

Company/Brand	Brand/Product	Technology	RM
KRUGER	K4R-9111	STX,B	111
KRUGER	K4R-9814	STX,B	114
LATHAM	EX 6143 3010	3010	111
LATHAM	LH6285VT2PRIB	VT2P	112
LATHAM	LH6304-3220-EZR	3220,B	114
LATHAM	LH6477VT2PRIB	VT2P,B	114
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1354-3220-EZR	3220,B	113
NK BRAND	NK1460-3110	3110	114
NUTECH	5FB-1111AM	AM,B	111
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5LB-6313AMXT	AMXT,B	113
NUTECH	74J1AML	OL,B	114
NUTECH	75G1AM	AM,B	115
RENK	9-115SSTX	STX	115
RENK	RK807SSTX	STX	111
RENK	RK842SSTX	STX,B	112
RENK	RK937VT2P	VT2P,B	113
RENK	RK945DGV2P	VT2P,DG,B	115
TITAN PRO	82-14 2P	VT2P,B	114
TITAN PRO	TP 71-12 DG2P	VT2P,DG,B	112
WYFFELS	W6826	VT2P	111
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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 Grain Technologies*

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)
3330	Agrisure® Viptera® 3330 (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®	TRE	Genuity® Trecepta™
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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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