

# 2019 Corn Grain Top 30 Performance Summary for Illinois East Central [ILEC]



Test by: F.I.R.S.T. NCB, Inc. Lanark, IL

## Early-Season Test

### 105 - 110 Day CRM

B2019ILECa

### Top 30 of 45

For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Forsyth	Gridley	Thomasboro	Toluca *	Tuscola	Watseka
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	<b>229.2</b>	20.8	7	809	2	<b>263.1</b>	233.8	239.4	192.7	<b>224.0</b>	222.1
INTEGRA	CX901110	VT2P	110	<b>228.8</b>	20.6	2	809	1	<b>248.6</b>	<b>248.3</b>	<b>246.1</b>	194.9	206.5	228.6
STONE	6072RIB	VT2P,B	110	<b>227.6</b>	20.9	4	803	3	<b>268.0</b>	203.6	<b>243.7</b>	196.5	<b>218.6</b>	235.1
DEKALB	DKC60-88RIB GC	VT2P,B	110	<b>226.9</b>	21.0	2	799	5	<b>253.2</b>	232.3	237.8	193.6	201.0	<b>243.4</b>
GREAT HEART	HT-7026VT2P	VT2P,B	110	<b>226.4</b>	22.2	5	789	12	<b>249.7</b>	233.4	238.9	<b>207.8</b>	204.9	223.8
GREAT HEART	HT-7003VT2P	VT2P,B	110	<b>226.1</b>	21.6	3	792	11	236.5	<b>249.3</b>	239.9	197.9	209.2	223.9
GREAT HEART	HT-6843VT2P	VT2P,B	108	225.4	20.8	2	797	7	<b>260.0</b>	206.3	<b>242.3</b>	196.6	203.2	<b>244.1</b>
INTEGRA	5939	STX,B	109	224.2	19.8	2	798	6	241.7	218.8	235.6	204.6	195.1	<b>249.3</b>
AUGUSTA	A4858	3010,B	108	223.9	20.3	5	794	10	<b>248.8</b>	222.4	235.9	205.1	209.6	221.6
RENK	RK765VT2P	VT2P	108	223.7	19.2	2	801	4	225.0	<b>241.6</b>	230.7	184.9	<b>217.7</b>	<b>242.3</b>
NUTECH	5FB-8808AM	AM,B	108	223.4	19.9	4	794	9	246.0	<b>246.7</b>	228.8	190.4	187.9	<b>240.6</b>
INTEGRA	5719	VT2P,B	107	222.9	19.6	2	795	8	218.7	<b>237.9</b>	229.5	<b>211.2</b>	<b>219.5</b>	220.9
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	222.1	22.0	4	776	20	242.7	217.0	236.5	<b>207.9</b>	205.8	223.0
NUTECH	5FB-9909AM	AM,B	109	222.0	20.3	3	787	14	241.9	<b>236.5</b>	226.2	<b>209.8</b>	184.0	233.5
FS INVISION	FS 60UX1 RIB	STX,B	110	221.0	20.9	6	779	18	231.6	<b>244.1</b>	230.9	190.7	193.7	234.7
DYNA-GRO	D51VC67	VT2P	110	220.8	20.3	4	783	15	234.8	215.6	238.4	197.2	206.2	232.6
AUGUSTA	A1059	3110	109	220.7	22.1	2	770	24	240.1	219.0	234.1	188.0	206.5	236.4
WYFFELS	W5086	VT2P	107	220.2	19.4	2	787	13	226.1	227.5	229.9	199.6	<b>212.2</b>	225.6
WYFFELS	W6408RIB	STX,B	110	220.2	20.7	2	777	19	<b>252.4</b>	228.0	234.1	191.6	186.4	228.5
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	219.6	21.1	11	773	21	<b>248.7</b>	227.2	236.4	184.2	<b>215.9</b>	205.1
LG SEEDS	LG59C72VT2	VT2P	109	219.2	19.9	2	780	16	243.0	212.9	234.8	182.4	206.7	235.3
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	219.2	19.9	3	779	17	242.7	229.3	233.6	188.4	206.6	214.4
NUTECH	69A6Q	QR,B	109	219.0	21.1	3	772	22	238.5	213.3	236.1	188.8	202.9	234.6
PROHARVEST	8052SS	STX	109	218.2	20.9	1	770	23	229.4	226.3	238.9	196.4	187.1	231.2
FS INVISION	FS 59VL1 EZR	3220,B	109	217.9	21.6	6	765	26	227.5	216.4	237.5	186.9	<b>226.5</b>	212.5
WYFFELS	W5626RIB	VT2P,B	108	216.9	20.3	5	770	25	236.7	232.7	237.3	162.0	211.4	221.5
NUTECH	70B2Q	QR,B	110	215.5	21.1	4	759	29	233.9	207.6	228.3	192.5	195.3	235.3
PIONEER	P0825AMXT GC	AMXT,B	108	215.1	20.6	4	761	28	212.1	233.9	<b>249.2</b>	172.1	210.5	212.9
WYFFELS	W4638	STX	107	214.7	20.0	4	763	27	222.2	225.8	220.7	191.7	209.9	218.1
NUTECH	68B3VYHR	OL,B	108	214.3	20.6	5	758	30	219.0	211.4	229.5	199.1	205.1	221.8
PIONEER	P1197AMXT CK	AMXT,B	111	214.5	22.4	5	748	36	231.6	207.7	238.6	193.3	190.2	226.0

	<b>Averages =</b>	<b>219.0</b>	<b>20.5</b>	<b>4</b>	<b>768</b>	<b>234.7</b>	<b>220.8</b>	<b>232.6</b>	<b>191.3</b>	<b>200.7</b>	<b>224.9</b>
	LSD (0.10) =	6.5	0.6	3		12.5	13.7	9.2	13.8	11.2	14.4
	LSD (0.25) =	3.4	0.3	1		6.5	7.2	4.8	7.2	5.9	7.5

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$3.70; non-GMO = \$3.75

† 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 Illinois East Central [ILEC]

Full-Season Test

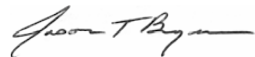
111 - 115 Day CRM

B2019ILECb

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

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Forsyth	Gridley	Thomasboro	Toluca	Tuscola	Watseka
HEFTY	H6525VT2PRIB	VT2P,B	115	<b>230.6</b>	23.9	8	791	1	<b>256.2</b>	<b>245.5</b>	<b>211.8</b>	<b>240.0</b>	206.7	223.4
FS INVISION	FS 6194V RIB	VT2P,B	111	<b>220.9</b>	20.9	2	779	2	247.2	210.0	<b>217.5</b>	207.6	208.4	<b>234.9</b>
HEFTY	H6132VT2P	VT2P	111	<b>220.7</b>	22.4	4	767	4	241.5	232.5	196.1	213.5	200.0	<b>240.6</b>
GREAT HEART	HT-7123VT2P	VT2P,B	111	<b>220.0</b>	21.9	2	768	3	229.4	226.5	192.0	<b>218.4</b>	<b>216.9</b>	<b>236.7</b>
PROHARVEST	8324VT2P	VT2P	113	218.9	22.2	5	763	6	233.0	210.1	204.2	<b>226.1</b>	205.8	<b>234.4</b>
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	218.5	21.8	2	764	5	226.0	229.5	<b>225.6</b>	201.1	198.2	230.4
WYFFELS	W7956	VT2P	114	217.9	23.5	2	750	9	246.7	<b>234.9</b>	188.4	199.3	<b>215.2</b>	222.9
STONE	6632RIB	VT2P,B	116	217.7	23.6	2	749	10	<b>253.0</b>	231.1	195.3	218.1	190.8	217.8
NK BRAND	NK1354-3220-EZR	3220,B	113	217.5	23.8	2	748	11	242.3	220.6	<b>214.8</b>	203.2	<b>214.4</b>	209.6
RENK	RK945DGV2P	VT2P,DG,B	115	217.3	25.0	2	739	20	243.6	221.2	189.1	216.9	208.0	225.3
FS INVISION	FS 63ZX1 RIB	STX,B	113	217.3	22.9	2	753	7	245.1	214.7	206.3	203.3	<b>219.3</b>	214.8
WYFFELS	W8228	STX	115	217.3	24.3	5	743	17	239.3	224.5	201.2	208.6	<b>223.0</b>	207.0
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	217.0	22.8	5	752	8	<b>248.0</b>	228.2	203.0	205.1	204.8	212.7
GREAT HEART	HT-7302VT2P	VT2P,B	113	216.8	23.4	5	747	12	235.8	221.8	<b>218.2</b>	190.5	204.4	229.8
WYFFELS	W7726	VT2P	113	215.5	22.9	2	745	15	216.4	231.7	186.8	<b>228.1</b>	206.4	223.5
HEFTY	H6212VT2PRIB	VT2P,B	112	214.9	22.9	4	744	16	237.1	217.7	202.8	211.0	194.2	226.7
PURPLE RIBBON	20A11VT2P	VT2P	111	214.5	22.1	3	746	13	<b>254.1</b>	<b>234.9</b>	178.4	202.1	195.5	221.8
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114	214.4	24.8	2	730	26	235.5	<b>236.5</b>	186.4	197.4	201.1	229.7
NK BRAND	NK1205-3120-EZR	3120,B	112	214.2	22.1	2	746	14	243.8	220.5	207.3	206.0	197.8	210.0
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112	213.6	23.2	2	737	23	<b>249.2</b>	220.3	168.7	198.0	212.4	<b>232.9</b>
STONE	6368RIB	STX,B	113	212.9	24.1	9	728	30	<b>249.8</b>	220.6	170.4	211.3	206.9	218.3
HEFTY	H6612VT2PRIB	VT2P,B	116	212.9	22.3	1	740	19	221.5	<b>235.2</b>	187.5	218.2	182.4	232.5
INTEGRA	6284	STX,B	112	212.6	22.3	2	739	21	234.6	230.3	182.5	216.5	190.6	221.1
INTEGRA	6410	STX	114	212.0	23.3	3	731	25	244.4	222.4	193.3	209.8	186.1	216.1
PURPLE RIBBON	18T13VT2PRIB	VT2P,B	113	211.8	21.6	4	742	18	245.1	197.7	180.4	210.7	198.1	<b>238.8</b>
RENK	RK937VT2P	VT2P,B	113	211.4	22.0	5	737	22	225.1	217.9	182.9	202.0	212.1	228.1
NK BRAND	NK1460-3110	3110	114	210.7	23.1	7	729	29	221.8	232.9	<b>208.4</b>	187.7	<b>218.0</b>	195.2
RENK	RK807SSTX	STX	111	210.6	22.9	5	729	27	230.7	221.7	198.2	198.9	183.1	231.0
NUTECH	5FB-1111AM	AM,B	111	209.5	21.8	3	732	24	240.7	200.5	184.4	213.9	196.8	220.8
PURPLE RIBBON	20R11VT2P	VT2P	111	208.6	21.8	2	729	28	231.5	202.0	189.4	203.5	191.8	<b>233.2</b>
PIONEER	P1197AMXT CK	AMXT,B	111	208.9	22.5	4	726	32	232.3	207.6	194.4	206.3	195.4	217.1



<b>Averages =</b>	<b>211.3</b>	<b>23.2</b>	<b>4</b>	<b>729</b>		<b>236.1</b>	<b>220.2</b>	<b>187.7</b>	<b>206.2</b>	<b>197.5</b>	<b>220.0</b>
LSD (0.10) =	7.8	0.7	3			11.9	14.1	19.9	12.1	15.5	12.7
LSD (0.25) =	4.1	0.4	1			6.3	7.4	10.4	6.4	8.2	6.7

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.03

Prices: GMO = \$3.70; non-GMO = \$3.75

† 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.

## 2019 Corn Grain - Illinois East Central [ ILEC ]

### Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A4858	3010,B	108
DEKALB	DKC60-87RIB GC	STX,B	110
DEKALB	DKC60-88RIB GC	VT2P,B	110
DYNA-GRO	D50SS48	STX	110
DYNA-GRO	D51VC67	VT2P	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	G08D29-3120A-EZR GC	3120,A,B	108
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
GREAT HEART	HT-6843VT2P	VT2P,B	108
GREAT HEART	HT-7003VT2P	VT2P,B	110
GREAT HEART	HT-7026VT2P	VT2P,B	110
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	5939	STX,B	109
INTEGRA	CX901110	VT2P	110
LG SEEDS	LG59C72VT2	VT2P	109
LG SEEDS	LG60C33VT2	VT2P	110
NK BRAND	NK0886-3120-EZR	3120,B	108
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NUTECH	5FB-8808AM	AM,B	108
NUTECH	5FB-9909AM	AM,B	109
NUTECH	68B3VYHR	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
PIONEER	P0825AMXT GC	AMXT,B	108
PIONEER	P1197AMXT CK	AMXT,B	111
PROHARVEST	6828SS	STX	107
PROHARVEST	8052SS	STX	109
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109

Company/Brand	Brand/Product	Technology	RM
RENK	RK765VT2P	VT2P	108
RENK	RK779SSTX	STX,B	108
STONE	5858RIB	STX,B	108
STONE	6072RIB	VT2P,B	110
WYFFELS	W4638	STX	107
WYFFELS	W5086	VT2P	107
WYFFELS	W5518RIB	STX,B	109
WYFFELS	W5626RIB	VT2P,B	108
WYFFELS	W6408RIB	STX,B	110

**Full-Season Test Products (54 Total)**

Company/Brand	Product/Brand	Technology	RM
FS INVISON	FS 6194V RIB	VT2P,B	111
FS INVISON	FS 62ZX1 RIB	STX,B	112
FS INVISON	FS 63ZX1 RIB	STX,B	113
FS INVISON	FS 64SX1 RIB	STX,B	114
FS INVISON	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
GREAT HEART	HT-7123VT2P	VT2P,B	111
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112
GREAT HEART	HT-7302VT2P	VT2P,B	113
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114
HEFTY	H6132VT2P	VT2P	111
HEFTY	H6212VT2PRIB	VT2P,B	112
HEFTY	H6332VT2PRIB	VT2P,B	113
HEFTY	H6525VT2PRIB	VT2P,B	115
HEFTY	H6612VT2PRIB	VT2P,B	116
INTEGRA	6284	STX,B	112
INTEGRA	6410	STX	114
INTEGRA	CX811113	STX,B	113
INTEGRA	CX821111	3010	111
LG SEEDS	LG5650VT2RIB	VT2P,B	115
LG SEEDS	LG62C02VT2RIB	VT2P,B	112
LG SEEDS	LG62C35VT2	VT2P	112
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	5FB-6313AM	AM,B	113
NUTECH	74J1AML	OL,B	114
NUTECH	75G1AM	AM,B	115
PIONEER	P1197AMXT CK	AMXT,B	111
PROHARVEST	8147SS	STX	111
PROHARVEST	8324VT2P	VT2P	113
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112

Company/Brand	Brand/Product	Technology	RM
PURPLE RIBBON	18T13VT2PRIB	VT2P,B	113
PURPLE RIBBON	19R14VT2PRIB	VT2P,B	114
PURPLE RIBBON	20A11VT2P	VT2P	111
PURPLE RIBBON	20R11VT2P	VT2P	111
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
STONE	6198RIB	STX,B	111
STONE	6368RIB	STX,B	113
STONE	6548RIB	STX,B	115
STONE	6632RIB	VT2P,B	116
WYFFELS	W7696RIB	VT2P,B	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114
WYFFELS	W8228	STX	115

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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.