

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

2019 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] FORSYTH, IL
Jim Cullison, Macon County, IL 61913

Early-Season Test	105 - 110 Day CRM B2019ILEC24a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Boundary, Flexstar, Fusilade
SOIL DESCRIPTION:	Flanagan/Dana silt loam , mod. well drained
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.4 pH, 3.3% OM, 19.0 CEC
PEST MANAGEMENT:	Acuron, Halex Gt, Force
FERTILITY - Applied N:	135.0 Fall, 50 Spring
Applied N-P-K (units):	185-85-153
SEEDED - RATE - ROW:	May 17 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 4 36.2 /A

TEST COMMENTS:

Emergence was excellent due to the mid May planting and having plenty of heat to get started. Jim commented that the plot did not receive any substantial rainfall during the month of July and during pollination. Despite that, ears were filled out nicely and rather girthy. There were some molds present on the ear tips were the husks had pulled back and a few foliar diseases present on the leaves.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STONE	6072RIB	VT2P,B	110	268.0	20.5	1	36.6	947	1
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	263.1	20.0	1	36.6	934	2
GREAT HEART	HT-6843VT2P	VT2P,B	108	260.0	20.5	1	36.6	919	3
DEKALB	DKC60-88RIB GC	VT2P,B	110	253.2	20.6	1	34.8	895	5
WYFFELS	W6408RIB	STX,B	110	252.4	20.9	1	36.6	889	6
GOLDEN HARVEST	G08D29-3120A-EZR GC	3120,A,B	108	252.1	19.8	1	36.6	896	4
GREAT HEART	HT-7026VT2P	VT2P,B	110	249.7	22.0	1	34.8	871	11
AUGUSTA	A4858	3010,B	108	248.8	19.6	1	34.8	886	8
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	248.7	20.4	1	37.5	880	10
INTEGRA	CX901110	VT2P	110	248.6	19.5	1	35.7	887	7
NUTECH	5FB-8808AM	AM,B	108	246.0	18.8	1	36.6	882	9
LG SEEDS	LG59C72VT2	VT2P	109	243.0	18.8	1	34.8	871	12
LG SEEDS	LG60C33VT2	VT2P	110	242.9	21.5	1	37.5	851	17
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	242.7	19.0	1	36.6	869	13
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	242.7	20.9	1	35.7	855	16
NUTECH	5FB-9909AM	AM,B	109	241.9	19.9	1	35.7	860	15
INTEGRA	5939	STX,B	109	241.7	19.2	1	35.7	864	14
AUGUSTA	A1059	3110	109	240.1	21.8	1	36.6	839	21
NUTECH	69A6Q	QR,B	109	238.5	20.3	1	35.7	845	18
WYFFELS	W5626RIB	VT2P,B	108	236.7	19.7	1	36.6	843	20
GREAT HEART	HT-7003VT2P	VT2P,B	110	236.5	21.1	1	35.7	832	22
DYNA-GRO	D51VC67	VT2P	110	234.8	18.6	1	37.5	843	19
NUTECH	70B2Q	QR,B	110	233.9	20.4	1	34.8	828	23
DYNA-GRO	D50SS48	STX	110	231.8	21.0	1	35.7	816	26
FS INVISON	FS 60UX1 RIB	STX,B	110	231.6	20.5	1	36.6	819	24
WYFFELS	W5518RIB	STX,B	109	230.3	20.7	1	36.6	812	29
DEKALB	DKC60-87RIB GC	STX,B	110	229.8	20.6	1	34.8	811	30
PROHARVEST	8052SS	STX	109	229.4	19.8	1	36.6	816	27
STONE	5858RIB	STX,B	108	228.9	19.5	1	36.6	816	28
RENK	RK765VT2P	VT2P	108	225.0	18.2	1	36.6	811	31
PIONEER	P1197AMXT CK	AMXT,B	111	231.6	20.7	1	35.7	817	25
				Averages =	234.7	20.0	1	36.2	833
				LSD (0.10) =	12.5	0.7	0		
				LSD (0.25) =	6.5	0.4	0		
				C.V. =	5.0				

Jason Beyers

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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

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2019 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] FORSYTH, IL
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Full-Season Test	111 - 115 Day CRM B2019ILEC24b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Boundary, Flexstar, Fusilade
SOIL DESCRIPTION:	Flanagan/Dana silt loam , mod. well drained
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 5.4 pH, 3.3% OM, 19.0 CEC
PEST MANAGEMENT:	Acuron, Halex Gt, Force
FERTILITY - Applied N:	135.0 Fall, 50 Spring
Applied N-P-K (units):	185-85-153
SEEDED - RATE - ROW:	May 17 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 4 36.7 /A

TEST COMMENTS:

Emergence was excellent due to the mid May planting and having plenty of heat to get started. Jim commented that the plot did not receive any substantial rainfall during the month of July and during pollination. Despite that, ears were filled out nicely and rather girthy. There were some molds present on the ear tips were the husks had pulled back and a few foliar diseases present on the leaves.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H6525VT2PRIB	VT2P,B	115	256.2	22.3	1	37.5	892	2
PURPLE RIBBON	20A11VT2P	VT2P	111	254.1	20.6	1	34.8	897	1
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	254.0	22.7	1	37.5	881	4
STONE	6632RIB	VT2P,B	116	253.0	23.4	1	36.6	872	7
STONE	6198RIB	STX,B	111	249.9	21.0	1	36.6	879	5
STONE	6368RIB	STX,B	113	249.8	22.9	1	37.5	865	10
GREAT HEART	HT-7256DGVT2P	VT2P,DG,B	112	249.2	21.9	1	37.5	870	8
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	248.0	20.8	1	35.7	874	6
STONE	6548RIB	STX,B	115	247.3	23.2	1	36.6	854	17
FS INVISON	FS 6194V RIB	VT2P,B	111	247.2	19.6	1	36.6	881	3
WYFFELS	W7956	VT2P	114	246.7	22.0	1	36.6	861	11
NUTECH	5FB-6313AM	AM,B	113	246.6	22.8	1	37.5	855	15
PURPLE RIBBON	18T13VT2PRIB	VT2P,B	113	245.1	20.2	1	37.5	869	9
FS INVISON	FS 63ZX1 RIB	STX,B	113	245.1	21.9	1	36.6	856	13
INTEGRA	6410	STX	114	244.4	21.6	1	37.5	856	14
FS INVISON	FS 62ZX1 RIB	STX,B	112	244.3	21.4	1	37.5	857	12
WYFFELS	W7878	STX	114	244.2	21.9	1	37.5	853	18
NK BRAND	NK1205-3120-EZR	3120,B	112	243.8	21.5	1	36.6	854	16
RENK	RK945DGVT2P	VT2P,DG,B	115	243.6	23.6	1	35.7	839	23
NK BRAND	NK1354-3220-EZR	3220,B	113	242.3	22.0	1	36.6	846	19
HEFTY	H6132VT2P	VT2P	111	241.5	21.9	1	35.7	844	21
NUTECH	5FB-1111AM	AM,B	111	240.7	21.2	1	33.9	846	20
FS INVISON	FS 64SX1 RIB	STX,B	114	240.7	21.9	1	37.5	841	22
WYFFELS	W7696RIB	VT2P,B	113	239.9	22.7	1	35.7	832	24
WYFFELS	W8228	STX	115	239.3	22.4	1	36.6	832	25
LG SEEDS	LG5650VT2RIB	VT2P,B	115	237.2	21.7	1	37.5	830	26
HEFTY	H6212VT2PRIB	VT2P,B	112	237.1	21.8	1	36.6	829	27
GREAT HEART	HT-7302VT2P	VT2P,B	113	235.8	22.1	1	37.5	822	30
INTEGRA	6284	STX,B	112	234.6	21.2	1	37.5	825	28
PROHARVEST	8324VT2P	VT2P	113	233.0	20.6	1	34.8	823	29
PIONEER	P1197AMXT CK	AMXT,B	111	232.3	21.5	1	36.6	814	34
				Averages =	236.1	21.8	1	36.7	825
				LSD (0.10) =	11.9	0.9	0		
				LSD (0.25) =	6.3	0.5	0		
				C.V. =	4.8				

Jason Beyers

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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

Report Date: 10/05/2019

Revised:10/11/2019

Additional reports available at www.firstseedtests.com

† 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

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2019 Corn - Illinois East Central [ILEC]



Early-Season Test Products (45 Total)

Company/Brand	Brand/Product	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

2019 Corn - Illinois East Central [ILEC]



Full-Season Test Products (54 Total)

Company/Brand	Brand/Product	Technology	RM
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
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

[^] 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 Technologies*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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