

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

2019 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOLUCA, IL

John Tiraboschi, Marshall County, IL 61369

Early-Season Test	105 - 110 Day CRM B2019ILEC19a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Soybean / Zidua Pro, Roundup, Outlook
SOIL DESCRIPTION:	Wenona/Rutland silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 6.1 pH, 6.5% OM, 32.6 CEC
PEST MANAGEMENT:	Verdict, Atrazine, Explorer, Roundup, Force
FERTILITY - Applied N:	32.0 Fall, 80 Spring, 85 Sidedress
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	Jun 8 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 35.8 /A

TEST COMMENTS:

This was one of the last locations of corn that we were able to get planted this year due to persistent rains all spring. Plot came up nice and uniform, but plants were short due to lack of heat. Pollination could have been a little better. Ears were short with quite a bit of tip back. Moistures were elevated because there was not enough time for drydown. No diseases of note.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
INTEGRA	5719	VT2P,B	107	211.2	23.5	1	36.2	728	2
NUTECH	5FB-9909AM	AM,B	109	209.8	22.3	1	36.2	730	1
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	207.9	26.1	1	36.2	700	6
GREAT HEART	HT-7026VT2P	VT2P,B	110	207.8	25.5	1	34.8	704	4
AUGUSTA	A4858	3010,B	108	205.1	23.4	1	36.2	707	3
INTEGRA	5939	STX,B	109	204.6	23.9	1	36.2	702	5
FS INVISION	FS 57ZX1 RIB	STX,B	107	200.5	22.4	1	33.5	697	7
WYFFELS	W5086	VT2P	107	199.6	24.5	1	33.5	682	8
NUTECH	68B3VYHR	OL,B	108	199.1	24.2	1	37.5	682	9
<i>FS INVISION</i>	<i>FS 58RL1 EZR</i>	<i>3220,B</i>	<i>108</i>	<i>198.3</i>	<i>27.0</i>	<i>1</i>	<i>36.2</i>	<i>662</i>	<i>19</i>
GREAT HEART	HT-7003VT2P	VT2P,B	110	197.9	25.6	1	37.5	670	16
STONE	5858RIB	STX,B	108	197.7	24.1	3	34.8	678	10
DYNA-GRO	D51VC67	VT2P	110	197.2	24.4	3	36.2	674	11
GREAT HEART	HT-6843VT2P	VT2P,B	108	196.6	24.1	1	34.8	674	12
FS INVISION	FS 5594X RIB	STX,B	105	196.6	24.2	1	36.2	673	13
STONE	6072RIB	VT2P,B	110	196.5	24.2	3	34.9	673	14
PROHARVEST	8052SS	STX	109	196.4	24.3	1	36.2	672	15
INTEGRA	CX901110	VT2P	110	194.9	25.1	1	34.8	662	20
DEKALB	DKC60-88RIB GC	VT2P,B	110	193.6	23.9	1	38.9	665	17
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	192.7	23.8	1	36.2	662	21
WYFFELS	W5518RIB	STX,B	109	192.6	26.6	1	37.5	646	29
NUTECH	70B2Q	QR,B	110	192.5	23.4	1	36.2	664	18
WYFFELS	W4638	STX	107	191.7	25.4	3	36.2	650	26
WYFFELS	W6408RIB	STX,B	110	191.6	23.4	1	34.8	661	22
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109	191.5	23.6	1	37.5	659	23
FS INVISION	FS 60UX1 RIB	STX,B	110	190.7	25.1	3	34.8	648	28
DEKALB	DKC60-87RIB GC	STX,B	110	190.6	26.0	1	34.8	643	31
NUTECH	5FB-8808AM	AM,B	108	190.4	23.2	1	37.5	658	24
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	188.4	22.9	1	37.5	653	25
AUGUSTA	A1059	3110	109	188.0	23.9	1	36.2	645	30
PIONEER	P1197AMXT CK	AMXT,B	111	193.3	26.3	1	36.2	649	27
				Averages =	191.3	24.4	1	35.8	654
				LSD (0.10) =	13.8	1.2	ns		
				LSD (0.25) =	7.2	0.6	ns		
				C.V. =	5.6				

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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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Illinois East Central [ILEC] TOLUCA, IL

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Full-Season Test	111 - 115 Day CRM B2019ILEC19b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Zidua Pro, Roundup, Outlook
SOIL DESCRIPTION:	Wenona/Rutland silt loam, well drained, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 6.1 pH, 6.5% OM, 32.6 CEC
PEST MANAGEMENT:	Verdict, Atrazine, Explorer, Roundup, Force
FERTILITY - Applied N:	32.0 Fall, 80 Spring, 85 Sidedress
Applied N-P-K (units):	197-78-90
SEEDED - RATE - ROW:	Jun 8 37.5 /A 30" spacing
HARVESTED - STAND:	Nov 8 36.2 /A

TEST COMMENTS:

This was one of the last locations of corn that we were able to get planted this year due to persistent rains all spring. Plot came up nice and uniform, but plants were short due to lack of heat. Pollination could have been a little better. Ears were short with quite a bit of tip back. Moistures were elevated because there was not enough time for drydown. No diseases of note.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
HEFTY	H6525VT2PRIB	VT2P,B	115	240.0	27.6	9	34.8	797	1
WYFFELS	W7726	VT2P	113	228.1	27.5	1	36.6	758	3
PROHARVEST	8324VT2P	VT2P	113	226.1	26.2	2	34.8	761	2
NUTECH	75G1AM	AM,B	115	225.4	27.7	1	36.6	748	4
FS INVISON	FS 6595V RIB	VT2P,B	115	224.2	27.4	1	36.6	746	5
GREAT HEART	HT-7123VT2P	VT2P,B	111	218.4	26.0	1	37.5	736	6
HEFTY	H6612VT2PRIB	VT2P,B	116	218.2	27.5	1	33.1	726	8
STONE	6632RIB	VT2P,B	116	218.1	27.5	1	34.8	725	9
RENK	RK945DGV2P	VT2P,DG,B	115	216.9	28.0	1	35.7	718	13
INTEGRA	6284	STX,B	112	216.5	27.5	1	37.5	720	12
FS INVISON	FS 64SX1 RIB	STX,B	114	216.2	28.0	1	35.7	715	15
NUTECH	5FB-2213AM	AM,B	113	215.5	25.8	1	37.5	728	7
NUTECH	5FB-1111AM	AM,B	111	213.9	25.4	1	36.6	724	11
HEFTY	H6132VT2P	VT2P	111	213.5	25.2	1	35.7	725	10
HEFTY	H6332VT2PRIB	VT2P,B	113	213.5	27.1	1	37.5	713	16
NUTECH	74J1AML	OL,B	114	213.1	27.5	1	34.8	708	18
STONE	6368RIB	STX,B	113	211.3	27.4	13	37.5	703	20
HEFTY	H6212VT2PRIB	VT2P,B	112	211.0	26.5	2	35.7	708	19
PURPLE RIBBON	18T13VT2PRIB	VT2P,B	113	210.7	24.9	2	36.6	717	14
WYFFELS	W7696RIB	VT2P,B	113	210.3	27.2	1	35.7	701	22
INTEGRA	6410	STX	114	209.8	26.6	1	37.5	703	21
WYFFELS	W8228	STX	115	208.6	26.9	1	35.7	697	23
FS INVISON	FS 6194V RIB	VT2P,B	111	207.6	24.4	1	36.6	710	17
LG SEEDS	LG62C35VT2	VT2P	112	206.4	26.4	4	37.5	693	26
NK BRAND	NK1205-3120-EZR	3120,B	112	206.0	25.5	1	35.7	697	24
INTEGRA	CX811113	STX,B	113	205.4	26.6	1	34.8	689	29
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	205.1	26.5	3	35.7	688	30
PURPLE RIBBON	20A11VT2P	VT2P	111	202.1	24.4	1	36.6	691	27
RENK	RK937VT2P	VT2P,B	113	202.0	25.1	1	36.6	686	31
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	201.1	23.9	2	37.5	690	28
PIONEER	P1197AMXT CK	AMXT,B	111	206.3	26.0	2	37.5	695	25
				Averages =	206.2	26.8	2	36.2	690
				LSD (0.10) =	12.1	1.2	ns		
				LSD (0.25) =	6.4	0.6	ns		
				C.V. =	5.6				

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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

2019 Corn - 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

2019 Corn - Illinois East Central [ILEC]



Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	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.