



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

2019 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TUSCOLA

Silver Top Enterprises Curt Clapper, Douglas County, IL 61953

Early-Season Test	105 - 110 Day CRM B2019ILEC23a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean/Zidua Pro, Roundup, XtendiMax, Roundup
SOIL DESCRIPTION:	Flanagan/Drummer sandy clay loam, mod. well drained
SOIL CONDITION:	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 3.8% OM, 20.9 CEC
PEST MANAGEMENT:	Acetochlor, Atrazine, Callisto Xtra, 41% Glyphos, Force
FERTILITY - Applied N:	130 Spring, 45 Sidedress
Applied N-P-K (units):	175-0-0
SEEDING - RATE - ROW:	May 18 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 3 36.2 /A

TEST COMMENTS:

The third week of May was the first opportunity available for planting. Soil conditions were slightly damp but we were fighting a two day window. Emergence was excellent and corn was nice and uniform. Plants were shorter than average at harvest. Most ears were filled close to the tip, but not very girthy. Curt commented that two weeks ago all the corn was really green but dried down quickly.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
FS INVISION	FS 59VL1 EZR	3220,B	109	226.5	21.1	1	35.7	797	2	
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	224.0	19.1	1	35.7	801	1	
INTEGRA	5719	VT2P,B	107	219.5	19.1	1	35.7	785	3	
STONE	6072RIB	VT2P,B	110	218.6	19.7	1	36.6	778	5	
RENK	RK765VT2P	VT2P	108	217.7	18.3	1	36.6	784	4	
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	215.9	20.5	1	35.7	763	7	
WYFFELS	W5086	VT2P	107	212.2	17.6	1	36.6	769	6	
WYFFELS	W5626RIB	VT2P,B	108	211.4	19.0	1	35.7	757	8	
PIONEER	P0825AMXT GC	AMXT,B	108	210.5	19.6	1	35.7	750	11	
WYFFELS	W4638	STX	107	209.9	19.0	1	37.5	752	10	
AUGUSTA	A4858	3010,B	108	209.6	18.1	1	36.6	756	9	
GREAT HEART	HT-7003VT2P	VT2P,B	110	209.2	20.1	1	36.6	742	12	
LG SEEDS	LG59C72VT2	VT2P	109	206.7	19.8	1	34.8	735	16	
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	206.6	18.7	1	36.6	741	14	
AUGUSTA	A1059	3110	108	206.5	21.8	1	35.7	722	20	
INTEGRA	CX901110	VT2P	110	206.5	18.9	1	35.7	740	15	
DYNA-GRO	D51VC67	VT2P	110	206.2	18.6	1	34.8	741	13	
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	205.8	21.6	1	34.8	721	23	
NUTECH	68B3VYHR	OL,B	108	205.1	20.3	1	37.5	726	19	
GREAT HEART	HT-7026VT2P	VT2P,B	110	204.9	20.8	1	36.6	722	21	
NK BRAND	NK0886-3120-EZR	3120,B	108	204.2	18.6	1	37.5	733	17	
INTEGRA	5529	STX,B	105	204.1	19.0	1	37.5	730	18	
GREAT HEART	HT-6843VT2P	VT2P,B	108	203.2	20.7	1	36.6	717	25	
NUTECH	69A6Q	QR,B	109	202.9	20.1	1	36.6	719	24	
STONE	5858RIB	STX,B	108	202.8	19.6	1	37.5	722	22	
DEKALB	DKC60-88RIB GC	VT2P,B	110	201.0	21.1	1	35.7	707	26	
DEKALB	DKC60-87RIB GC	STX,B	110	200.3	23.0	1	35.7	693	29	
WYFFELS	W5518RIB	STX,B	109	198.2	20.5	1	34.0	701	28	
LG SEEDS	LG60C33VT2	VT2P	110	195.7	22.6	1	34.8	679	33	
NUTECH	70B2Q	QR,B	110	195.3	21.1	1	35.7	687	31	
PIONEER	P1197AMXT CK	AMXT,B	111	190.2	21.9	1	36.6	665	38	
				Averages =	200.7	19.8	1	36.2	713	
				LSD (0.10) =	11.2	1.1	0			
				LSD (0.25) =	5.9	0.6	0			
				C.V. =	5.3					

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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: 10/04/2019

† 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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Illinois East Central [ILEC] TUSCOLA

Silver Top Enterprises Curt Clapper, Douglas County, IL 61953

Full-Season Test	111 - 115 Day CRM B2019ILEC23b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean/Zidua Pro, Roundup, XtendiMax, Roundup
SOIL DESCRIPTION:	Flanagan/Drummer sandy clay loam, mod. well drained
SOIL CONDITION:	Minimum W/O Fall Till, medium P, medium K, 5.6 pH, 3.8% OM, 20.9 CEC
PEST MANAGEMENT:	Acetochlor, Atrazine, Callisto Xtra, 41% Glyphos, Force
FERTILITY - Applied N:	130 Spring, 45 Sidedress
Applied N-P-K (units):	175-0-0
SEEDING - RATE - ROW:	May 18 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 3 36.0 /A

TEST COMMENTS:

The third week of May was the first opportunity available for planting. Soil conditions were slightly damp but we were fighting a two day window. Emergence was excellent and corn was nice and uniform. Plants were shorter than average at harvest. Most ears were filled close to the tip, but not very girthy. Curt commented that two weeks ago all the corn was really green but dried down quickly.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
WYFFELS	W8228	STX	115	223.0	22.7	1	36.6	774	2	
FS INVISION	FS 63ZX1 RIB	STX,B	113	219.3	19.8	1	36.6	780	1	
NK BRAND	NK1460-3110	3110	114	218.0	21.1	1	33.9	767	4	
GREAT HEART	HT-7123VT2P	VT2P,B	111	216.9	20.2	1	35.7	769	3	
WYFFELS	W7956	VT2P	114	215.2	21.3	1	34.8	756	8	
NK BRAND	NK1354-3220-EZR	3220,B	113	214.4	20.9	1	35.7	756	6	
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112	212.4	21.0	1	36.6	748	9	
NUTECH	75G1AM	AM,B	115	212.4	22.4	1	35.7	739	10	
RENK	RK937VT2P	VT2P,B	113	212.1	19.6	1	35.7	756	7	
STONE	6548RIB	STX,B	115	209.9	25.2	1	35.7	712	19	
FS INVISION	FS 6194V RIB	VT2P,B	111	208.4	16.9	1	37.5	759	5	
RENK	RK945DGV2P	VT2P,DG,B	115	208.0	22.5	1	34.8	723	12	
RENK	9-115SSTX	STX	115	207.9	23.4	1	36.6	717	17	
STONE	6368RIB	STX,B	113	206.9	22.7	1	36.6	718	16	
HEFTY	H6525VT2PRIB	VT2P,B	115	206.7	22.4	1	37.5	719	15	
WYFFELS	W7726	VT2P	113	206.4	21.7	1	35.7	722	13	
PROHARVEST	8324VT2P	VT2P	113	205.8	19.3	1	34.8	735	11	
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	204.8	21.2	1	35.7	720	14	
GREAT HEART	HT-7302VT2P	VT2P,B	113	204.4	21.9	1	35.7	714	18	
FS INVISION	FS 6595V RIB	VT2P,B	115	201.3	22.0	1	35.7	703	23	
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114	201.1	22.8	1	36.6	697	27	
HEFTY	H6132VT2P	VT2P	111	200.0	20.1	1	36.6	710	20	
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	198.2	19.5	1	37.5	707	22	
PURPLE RIBBON	18T13VT2PRIB	VT2P,B	113	198.1	19.0	1	36.6	709	21	
NK BRAND	NK1205-3120-EZR	3120,B	112	197.8	19.9	1	35.7	703	24	
RENK	RK842SSTX	STX,B	112	197.0	20.2	1	35.7	698	26	
NUTECH	5FB-1111AM	AM,B	111	196.8	19.5	1	35.7	702	25	
PURPLE RIBBON	20A11VT2P	VT2P	111	195.5	21.1	1	33.9	687	30	
FS INVISION	FS 64SX1 RIB	STX,B	114	194.9	22.4	1	36.6	678	33	
LG SEEDS	LG5650VT2RIB	VT2P,B	115	194.4	21.2	1	35.7	683	32	
PIONEER	P1197AMXT CK	AMXT,B	111	195.4	21.4	1	36.6	686	31	
				Averages =	197.5	21.1	1	36.0	695	
				LSD (0.10) =	15.5	1.0	0			
				LSD (0.25) =	8.2	0.5	0			
				C.V. =	7.5					

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Report Date: 10/04/2019

† 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	108
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)				
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3120	Agrisure® 3120 (CB,HX,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
A	Agrisure® Artesian®	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
		None	conventional corn		

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