

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

2019 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] GRIDLEY, IL

Jamin Ringer, McLean County, IL 61744

Early-Season Test	105 - 110 Day CRM B2019ILEC21a
Top 30 of 45	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Ledger, Engenia
SOIL DESCRIPTION:	Flanagan/Drummer silty clay loam , moderately drained
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 5.1 pH, 4.6% OM, 23.4 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Force
FERTILITY - Applied N:	120 Spring, 60 Sidedress
Applied N-P-K (units):	180-0-0
SEDED - RATE - ROW:	May 18 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 8 36.1 /A

TEST COMMENTS:

This location was planted just before a prolonged rainy spell. Some strips struggled with emergence and made the plants smaller. This will definitely explain some of the variability in the plot. Stalk strength was still good at harvest and most ears were standing straight up. Drydown was slow due to the moisture all season long. There was evidence of some foliar diseases on the leaves.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GREAT HEART	HT-7003VT2P	VT2P,B	110	249.3	26.1	1	36.6	839	5
INTEGRA	CX901110	VT2P	110	248.3	23.2	1	36.6	858	1
NUTECH	5FB-8808AM	AM,B	108	246.7	22.6	1	36.6	857	2
FS INVISION	FS 60UX1 RIB	STX,B	110	244.1	22.3	1	37.5	850	3
RENK	RK765VT2P	VT2P	108	241.6	21.8	1	35.7	844	4
INTEGRA	5719	VT2P,B	107	237.9	21.6	1	35.7	833	6
NUTECH	5FB-9909AM	AM,B	109	236.5	25.2	1	34.8	803	7
PIONEER	P0825AMXT GC	AMXT,B	108	233.9	23.9	1	37.5	803	8
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	233.8	25.2	2	35.7	793	12
GREAT HEART	HT-7026VT2P	VT2P,B	110	233.4	25.5	1	36.6	790	14
FS INVISION	FS 58RL1 EZR	3220,B	108	232.8	25.0	1	37.5	792	13
WYFFELS	W5626RIB	VT2P,B	108	232.7	23.3	1	37.5	803	9
DEKALB	DKC60-88RIB GC	VT2P,B	110	232.3	23.9	1	36.6	798	11
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	229.3	23.7	1	35.7	788	16
WYFFELS	W6408RIB	STX,B	110	228.0	24.5	1	34.0	779	17
WYFFELS	W5086	VT2P	107	227.5	21.3	1	37.5	799	10
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	227.2	25.8	1	36.6	767	20
PROHARVEST	8052SS	STX	109	226.3	23.9	1	35.7	777	18
WYFFELS	W4638	STX	107	225.8	21.8	1	37.5	789	15
DYNA-GRO	D50SS48	STX	110	223.9	23.3	1	36.6	773	19
DEKALB	DKC60-87RIB GC	STX,B	110	222.9	24.1	1	36.6	764	21
AUGUSTA	A4858	3010,B	108	222.4	24.6	1	35.7	759	23
AUGUSTA	A1059	3110	109	219.0	26.2	1	36.6	736	28
INTEGRA	5939	STX,B	109	218.8	22.5	1	37.5	761	22
NK BRAND	NK0886-3120-EZR	3120,B	108	217.8	24.4	1	35.7	744	25
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	217.0	25.3	1	36.6	736	30
DYNA-GRO	D51VC67	VT2P	110	215.6	24.5	1	35.7	736	29
PROHARVEST	6828SS	STX	107	213.7	20.6	1	34.8	755	24
LG SEEDS	LG59C72VT2	VT2P	109	212.9	22.6	1	33.9	739	27
FS INVISION	FS 57ZX1 RIB	STX,B	107	210.5	21.3	1	38.4	739	26
PIONEER	P1197AMXT CK	AMXT,B	111	207.7	28.4	1	36.6	685	43
				Averages =	220.8	23.9	1	36.1	758
				LSD (0.10) =	13.7	0.9	0		
				LSD (0.25) =	7.2	0.4	0		
				C.V. =	5.9				



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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: 10/10/2019

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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Illinois East Central [ILEC] GRIDLEY, IL

Jamin Ringer, McLean County, IL 61744

Full-Season Test	111 - 115 Day CRM B2019ILEC21b
Top 30 of 54	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Ledger, Engenia
SOIL DESCRIPTION:	Flanagan/Drummer silty clay loam , moderately drained
SOIL CONDITION:	Minimum W/O Fall Till, very high P, high K, 5.1 pH, 4.6% OM, 23.4 CEC
PEST MANAGEMENT:	Balance Flexx, Laudis, Atrazine, Force
FERTILITY - Applied N:	120 Spring, 60 Sidedress
Applied N-P-K (units):	180-0-0
SEDED - RATE - ROW:	May 18 37.5 /A 30" spacing
HARVESTED - STAND:	Oct 8 35.9 /A

TEST COMMENTS:

This location was planted just before a prolonged rainy spell. Some strips struggled with emergence and made the plants smaller. This will definitely explain some of the variability in the plot. Stalk strength was still good at harvest and most ears were standing straight up. Drydown was slow due to the moisture all season long. There was evidence of some foliar diseases 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	245.5	26.6	1	36.6	823	1	
HEFTY	H6332VT2PRIB	VT2P,B	113	239.0	27.0	1	36.6	798	2	
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114	236.5	28.7	1	37.5	778	8	
HEFTY	H6612VT2PRIB	VT2P,B	116	235.2	25.7	1	34.8	795	3	
WYFFELS	W7956	VT2P	114	234.9	27.3	1	35.7	782	6	
PURPLE RIBBON	20A11VT2P	VT2P	111	234.9	27.9	1	34.8	778	9	
NK BRAND	NK1460-3110	3110	114	232.9	26.4	1	35.7	782	5	
HEFTY	H6132VT2P	VT2P	111	232.5	27.4	1	33.9	774	11	
WYFFELS	W7726	VT2P	113	231.7	25.0	1	35.7	788	4	
STONE	6632RIB	VT2P,B	116	231.1	25.8	1	36.6	780	7	
INTEGRA	6284	STX,B	112	230.3	25.8	1	36.6	777	10	
RENK	9-115SSTX	STX	115	230.1	28.6	1	36.6	758	15	
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	229.5	26.3	1	35.7	771	12	
NUTECH	5FB-6313AM	AM,B	113	228.4	28.9	1	32.2	750	18	
GOLDEN HARVEST	G13H15-3120-EZR	3120,B	113	228.3	26.9	1	34.8	763	14	
PURPLE RIBBON	18A12VT2PRIB	VT2P,B	112	228.2	28.3	1	36.6	754	17	
FS INVISION	FS 6595V RIB	VT2P,B	115	227.2	27.6	1	36.6	755	16	
GREAT HEART	HT-7123VT2P	VT2P,B	111	226.5	25.4	1	37.5	768	13	
PURPLE RIBBON	19R14VT2PRIB	VT2P,B	114	225.0	28.4	1	36.6	742	21	
WYFFELS	W8228	STX	115	224.5	28.7	1	36.6	738	22	
INTEGRA	6410	STX	114	222.4	27.2	1	37.5	742	20	
NUTECH	74J1AML	OL,B	114	222.2	28.1	1	35.7	735	24	
GREAT HEART	HT-7302VT2P	VT2P,B	113	221.8	26.2	1	37.5	746	19	
RENK	RK807SSTX	STX	111	221.7	28.0	1	36.6	734	25	
WYFFELS	W7696RIB	VT2P,B	113	221.3	27.9	1	34.8	733	28	
RENK	RK945DGV2P	VT2P,DG,B	115	221.2	28.0	1	36.6	732	29	
STONE	6368RIB	STX,B	113	220.6	28.2	1	35.7	729	30	
NK BRAND	NK1205-3120-EZR	3120,B	112	220.5	27.2	1	33.9	735	23	
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112	220.3	27.4	1	36.6	733	26	
RENK	RK937VT2P	VT2P,B	113	217.9	26.1	1	36.6	733	27	
PIONEER	P1197AMXT CK	AMXT,B	111	207.6	27.6	1	36.6	690	47	
				Averages =	220.2	27.3	1	35.9	733	
				LSD (0.10) =	14.1	1.2	0			
				LSD (0.25) =	7.4	0.7	0			
				C.V. =	6.1					

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

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