

2018 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] TOWANDA
 Judson Stover, McLean County, IL 61776



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

PREV. CROP/HERB: Corn / Harness Xtra, atrazine, 2,4-D, Roundup PowerMax, atrazine, Halex GT
 SOIL DESCRIPTION: Sable-lpava silty clay loam, mod. well drained, non-irrigated
 SOIL CONDITION: Strip-till, very high P, medium K, 5.7 pH, 5.9% OM, 26.8 CEC
 PEST MANAGEMENT: Harness Xtra, 2,4-D, Roundup PowerMax, atrazine, Halex GT, Smart Trio, Force
 FERTILITY - Applied N: 214 Fall, 50 Sidedress
 Applied N-P-K (units): 264-185-271
 SEEDING - RATE - ROW: Apr 25 37,500 /A 30" spacing
 HARVESTED - STAND: Apr 18 35,700 /A

Early-Season Test

105 - 110 Day CRM
 B2018ILEC21a

Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W5626	VT2P	108	251.7	19.0	1	37.5	914	2
Stone	5858RIB	STX,B	108	251.5	17.5	1	36.6	924	1
Wyffels	W5518	STX	109	243.4	19.7	1	37.5	878	5
Wyffels	W6408	STX	110	242.1	18.9	1	37.5	880	3
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	240.1	17.8	1	35.7	880	4
Great Heart	HT-7026SSRIB	STX,B	110	239.6	21.2	1	33.1	854	10
FS InVISION	FS 60UX1 RIB	STX,B	110	237.7	20.0	1	35.7	856	8
Sun Prairie	SP2525GSS	STX	110	237.5	19.9	1	38.4	856	9
FS InVISION	FS 60LX1 RIB	STX,B	110	236.7	19.3	1	38.4	857	7
FS InVISION	FS 59VL1 EZR	3220,B	109	234.9	20.5	1	34.0	842	13
Renk	RK763VT2P	VT2P,B	108	234.2	17.5	1	34.8	861	6
NuTech/G2 Gen	5FN-8808	OI	108	232.9	17.9	1	34.0	853	11
Golden Harvest	G09A86-3000GT	3000GT	109	232.6	19.2	1	36.6	843	12
Golden Harvest	G08M20-3010	3010	108	232.1	19.2	1	34.8	841	14
Great Heart	HT-6901SSRIB	STX,B	109	232.1	20.4	1	36.6	833	18
NK Brand	NK0886-3010	3010	108	232.0	19.1	1	34.0	841	15
Dyna-Gro	D49SS70	STX	109	231.4	19.3	1	35.7	838	16
Renk	RK815SSTX	STX,B	110	231.1	19.6	1	34.0	835	17
NuTech/G2 Gen	5FB-9909	AM,B	109	228.2	18.4	1	34.8	832	19
Pfister	69E2SSR	STX,B	109	227.7	21.1	1	37.5	812	25
Purple Ribbon	19R09VT2P	VT2P	109	226.5	18.2	1	31.3	828	21
Wyffels	W4196RIB	VT2P,B	105	225.6	17.0	1	35.7	832	20
Pfister	69H1PE	PC,E	109	225.6	18.5	1	36.6	822	22
Pioneer	P0825AMXT GC	AMXT,B	108	222.3	19.9	1	36.6	801	27
ProHarvest	8015VT2PRIB	VT2P,B	110	222.2	17.0	1	38.4	820	23
NuTech/G2 Gen	5F-308	AM,B	108	221.9	18.0	1	33.1	812	26
Pfister	66Y3PE	PC,E	106	221.1	17.3	1	34.8	814	24
Renk	RK779SSTX	STX	108	220.3	19.1	1	32.2	799	28
LG Seeds	LG58C77VT2PRO	VT2P	108	218.0	18.5	1	34.0	795	31
Hefty	H5524SS	STX	105	216.3	16.9	1	34.8	799	29
Pioneer	P1197AMXT CK	AMXT,B	111	224.2	21.7	1	34.8	796	30

Jason Beyers

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Averages = **225.1** **19.0** **1** **35.7** **817**

LSD (0.10) = 12.2 0.8 ns

LSD (0.25) = 6.4 0.4 ns

C.V. = 5.1 Prev. years average yield, 201.3 bu/a, 20 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *This was a strip-till location and at planting, the soil was just a little tacky, not enough to build up on the planter gauge wheels, but enough to mention. Plant height was slightly variable at V5 due to lack of rainfall. Ears were short and smaller diameter than some sites harvested so far. Stalks were standing fairly decent, ear tip die-back of an inch or better, and some kernel mold noted at harvest.*

† 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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Report Date: 9/18/2018 Revised:

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PEST MANAGEMENT: Harness Xtra, 2,4-D, Roundup PowerMax, atrazine, Halex GT, Smart Trio, Force
FERTILITY - Applied N: 214 Fall, 50 Sidedress
Applied N-P-K (units): 264-185-271
SEEDING - RATE - ROW: Apr 25 37,500 /A 30" spacing
HARVESTED - STAND: Apr 18 36,400 /A

Full-Season Test

111 - 115 Day CRM
B2018ILEC21b

Top 30 of 54

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Hefty	H6223	VT2P,DG	112	247.7	21.2	1	36.6	883	1
ProHarvest	8147StaxRIB	STX,B	111	246.7	21.1	1	34.8	880	2
Renk	RK945DGV2P	VT2P,DG	115	245.7	24.9	1	36.6	848	8
Stone	6368RIB	STX,B	113	245.2	24.6	1	33.1	849	7
Wyffels	W7888RIB	STX,B	114	243.5	22.7	1	35.7	857	3
Golden Harvest	G13Z50-3110	3110	113	241.4	21.8	1	39.3	856	4
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	240.0	21.9	1	37.5	850	6
Wyffels	W6898RIB	STX,B	112	239.9	21.2	1	38.4	855	5
Stone	6628RIB	STX,B	116	239.7	26.2	1	35.7	818	19
Great Heart	HT-7302VT2PRIB	VT2P,B	113	238.5	23.3	1	35.7	835	14
Dyna-Gro	D52SS63	STX	112	237.9	21.7	1	34.0	844	11
Golden Harvest	G15L32-3000GT	3000GT	115	237.4	23.0	1	37.5	833	15
Dyna-Gro	D52VC15	VT2P	112	236.2	20.7	1	37.5	845	10
ProHarvest	8324VT2PRIB	VT2P,B	113	235.9	20.5	1	35.7	846	9
NK Brand	NK1354-3110	3110	113	235.9	21.5	1	36.6	839	13
Wyffels	W7578RIB	STX,B	113	235.8	21.3	1	38.4	840	12
Dairyland	DS-9412SSX	STX	112	235.7	23.7	1	37.5	822	18
Great Heart	HT-7244VT2PRIB	VT2P,B	112	235.2	22.2	1	36.6	831	16
Hefty	H6324SS	STX	112	233.9	22.6	1	35.7	824	17
NuTech/G2 Gen	5FN-2213	OI	113	228.2	22.6	1	34.8	804	23
LG Seeds	LG5606STXRIB	STX,B	111	228.1	22.1	1	36.6	807	21
NuTech/G2 Gen	5F-713	AM,B	113	227.8	20.9	1	36.6	814	20
FS InVISION	FS 63ZX1 RIB	STX,B	113	227.6	23.6	1	36.6	795	28
LG Seeds	LG62C02STX	STX	112	227.4	23.8	1	36.6	793	30
FS InVISION	FS 64SX1 RIB	STX,B	114	226.5	22.7	1	35.7	797	27
Pioneer	P1366AMXT GC	AMXT,B	113	226.2	21.6	1	38.4	803	24
Stone	6468RIB	STX,B	114	226.0	21.0	1	38.4	807	22
FS InVISION	FS 62ZX1 RIB	STX,B	112	225.4	21.3	1	35.7	803	25
Wyffels	W6956	VT2P	111	223.3	21.9	1	34.0	791	31
Purple Ribbon	18A10VT2PRIB	VT2P,B	110	220.1	18.9	1	36.6	800	26
Pioneer	P1197AMXT CK	AMXT,B	111	225.0	22.4	1	38.4	794	29

Jason Beyers

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Averages = **226.6** **22.6** **1** **36.4** **798**

LSD (0.10) = 13.4 0.9 ns

LSD (0.25) = 7.0 0.5 ns

C.V. = 5.6 Prev. years average yield, 201.3 bu/a, 20 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

Test Comments: *This was a strip-till location and at planting, the soil was just a little tacky, not enough to build up on the planter gauge wheels, but enough to mention. Plant height was slightly variable at V5 due to lack of rainfall. Ears were short and smaller diameter than some sites harvested so far. Stalks were standing fairly decent, ear tip die-back of an inch or better, and some kernel mold noted at harvest.*

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4658GT3220	3220	CM,C2	108					
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Dairyland	DS-9510RA	STX,B	CM,C5,Vi,In	110					
Dekalb	DKC60-87RIB	STX,B	AC,P5V	110					
Dyna-Gro	D49SS70	STX	AC,P5V	109					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60UX1 RIB	STX,B	AC,P5V	110					
Golden Harvest	G08D29-3120A-EZR	3120,A,B	AVC,C5,Vi	108					
Golden Harvest	G08M20-3010	3010	AVC,C5,Vi	108					
Golden Harvest	G09A86-3000GT	3000GT	AVC,C5,Vi	109					
Golden Harvest	G10T63-3122-EZR	3122,B	AVC,C5,Vi	110					
Great Heart	HT-6901SSRIB	STX,B	AC,P5V	109					
Great Heart	HT-7026SSRIB	STX,B	AC,P5V	110					
Hefty	H5522VT2P	VT2P	HC	105					
Hefty	H5524SS	STX	HC	105					
Hefty	H5624SS	STX	HC	106					
Hefty	H5922VT2P	VT2P	HC	109					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NuTech/G2 Gen	5F-308	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FB-1010	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-9909	AM,B	CM,C2,R,Lu	109					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
Pfister	66Y3PE	PC,E	CM,C5,Vi,In	106					
Pfister	68A1PE	PC,E	CM,C5,Vi,In	108					
Pfister	69E2SSR	STX,B	CM,C5,Vi,In	109					
Pfister	69H1PE	PC,E	CM,C5,Vi,In	109					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V,R	108					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V,R	111					
ProHarvest	6828StaxRIB	STX,B	AC,P5V	107					
ProHarvest	8015VT2PRIB	VT2P,B	AC,P2	110					
Purple Ribbon	19R09VT2P	VT2P	AC,P5V	109					
Renk	RK763VT2P	VT2P,B	AC,P2	108					
Renk	RK779SSTX	STX	AC,P5V	108					
Renk	RK815SSTX	STX,B	AC,P2	110					
Stone	5858RIB	STX,B	AC,P5V	108					
Sun Prairie	SP2525GSS	STX	AC,P5V	110					
Wyffels	W4196RIB	VT2P,B	AC,P5V	105					
Wyffels	W5518	STX	AC,P5V	109					
Wyffels	W5626	VT2P	AC,P5V	108					
Wyffels	W6408	STX	AC,P5V	110					

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Full-Season Test Products (54 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-7513	PC	CM,C1,Vi,In	113	Stone	6188RIB	STX,B	AC,P5V	111
Dairyland	DS-9412SSX	STX	CM,C1,Vi,In	112	Stone	6368RIB	STX,B	AC,P5V	113
Dekalb	DKC64-34RIB GC	STX,B	AC,P5V	114	Stone	6468RIB	STX,B	AC,P5V	114
Dyna-Gro	D52SS63	STX	AC,P5V	112	Stone	6628RIB	STX,B	AC,P5V	116
Dyna-Gro	D52VC15	VT2P	AC,P5V	112	Sun Prairie	SP2852GSSRIB	STX,B	AC,P5V	114
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112	Wyffels	W6898RIB	STX,B	AC,P5V	112
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W6956	VT2P	AC,P5V	111
FS InVISION	FS 64RL0 EZR	3120,B	CM,C2,Vi	114	Wyffels	W7578RIB	STX,B	AC,P5V	113
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Wyffels	W7888RIB	STX,B	AC,P5V	114
Golden Harvest	G11A33-3111	3111	AVC,C5,Vi	111					
Golden Harvest	G12W66-3122-EZR	3122,B	AVC,C5,Vi	112					
Golden Harvest	G13Z50-3110	3110	AVC,C5,Vi	113					
Golden Harvest	G15L32-3000GT	3000GT	AVC,C5,Vi	115					
Great Heart	HT-7244VT2PRIB	VT2P,B	AC,P5V	112					
Great Heart	HT-7302VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7486SSRIB	STX,B	AC,P5V	114					
Hefty	H6223	VT2P,DG	HC	112					
Hefty	H6324SS	STX	HC	112					
Hefty	H6424SS	STX	HC	114					
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111					
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114					
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115					
LG Seeds	LG62C02STX	STX	AC,P5V	112					
NK Brand	NK1284-3122-EZR	3122,B	AVC,C5,Vi	112					
NK Brand	NK1354-3110	3110	AVC,C5,Vi	113					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,l	112					
NuTech/G2 Gen	5F-713	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	5FB-6313	AM,B	CM,C2,R,Lu	113					
NuTech/G2 Gen	5FN-2213	OI	MQ,P5V,R	113					
NuTech/G2 Gen	5LB-7215	AMXT,B	CM,C2,R,Lu	115					
Pfister	2874PCR	PC,B	CM,C5,Vi,In	113					
Pfister	71C1PCR	PC,B	CM,C5,Vi,In	111					
Pfister	72C6SSR	STX,B	CM,C5,Vi,In	112					
Pfister	74D2PE	PC,E	CM,C5,Vi,In	114					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V,R	111					
Pioneer	P1366AMXT GC	AMXT,B	MQ,P1V,R	113					
ProHarvest	8147StaxRIB	STX,B	AC,P5V	111					
ProHarvest	8324VT2PRIB	VT2P,B	AC,P2	113					
Purple Ribbon	18A10VT2PRIB	VT2P,B	AC,P2	110					
Purple Ribbon	18A12VT2PRIB	VT2P,B	AC,P2	112					
Purple Ribbon	18T13SSRIB	STX,B	AC,P5V	113					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK937SSTX	STX	AC,P5V	113					
Renk	RK945DGV2P	VT2P,DG	AC,P2	115					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
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)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
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

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

** Seed treatments may include unspecified plant health promoting components.