

2018 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Boundary, Flexstar, Fusilade
SOIL DESCRIPTION: Flanagan-Dana silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.2 pH, 3.7% OM, 18.5 CEC
PEST MANAGEMENT: Acuron, atrazine, Roundup, Force
FERTILITY - Applied N: 147 Fall, 45 Spring
Applied N-P-K (units): 192-85-153
SEEDING - RATE - ROW: Apr 26 37,500 /A 30" spacing
HARVESTED - STAND: Sep 17 37,300 /A

Early-Season Test
105 - 110 Day CRM
B2018ILEC19a

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
NuTech/G2 Gen	5FN-8808	OI	108	266.2	15.8	1	37.5	992	1
Dekalb	DKC60-87RIB	STX,B	110	265.4	16.6	1	37.5	983	2
Stone	5858RIB	STX,B	108	262.2	15.8	1	37.5	977	4
Renk	RK763VT2P	VT2P,B	108	261.2	15.1	1	36.6	979	3
Purple Ribbon	19R09VT2P	VT2P	109	260.9	16.6	1	36.6	966	5
Dyna-Gro	D49SS70	STX	109	258.5	16.2	1	36.6	960	7
NuTech/G2 Gen	5FB-9909	AM,B	109	256.7	14.5	1	35.7	963	6
Wyffels	W5626	VT2P	108	255.9	14.9	1	37.5	960	8
NK Brand	NK0886-3010	3010	108	255.0	16.3	1	34.8	946	10
Golden Harvest	G08M20-3010	3010	108	254.7	16.6	1	36.6	943	12
Pioneer	P0825AMXT GC	AMXT,B	108	254.0	16.1	1	39.3	944	11
FS InVISION	FS 59VL1 EZR	3220,B	109	253.5	17.1	1	36.6	935	15
NuTech/G2 Gen	5FB-1010	AM,B	110	252.6	17.3	1	39.3	930	20
Golden Harvest	G09A86-3000GT	3000GT	109	252.4	15.5	1	36.6	943	13
Wyffels	W5518	STX	109	252.3	16.8	1	37.5	933	18
ProHarvest	6828StaxRIB	STX,B	107	252.0	15.6	1	36.6	940	14
Pfister	69H1PE	PC,E	109	251.9	16.4	1	38.4	934	17
FS InVISION	FS 57ZX1 RIB	STX,B	107	249.2	15.0	1	40.2	935	16
Pfister	66Y3PE	PC,E	106	248.7	14.7	1	37.5	933	19
Wyffels	W6408	STX	110	248.4	17.0	1	37.5	917	22
Augusta	A4658GT3220	3220	108	248.0	17.0	1	34.8	915	23
Sun Prairie	SP2525GSS	STX	110	247.3	16.7	1	38.4	915	24
Renk	RK779SSTX	STX	108	246.9	15.9	1	39.3	919	21
Pfister	68A1PE	PC,E	108	245.6	17.0	1	36.6	906	26
Golden Harvest	G10T63-3122-EZR	3122,B	110	244.7	17.2	1	38.4	901	28
LG Seeds	LG59C66VT2PRO	VT2P	109	244.5	16.4	1	36.6	907	25
FS InVISION	FS 60LX1 RIB	STX,B	110	242.5	16.3	1	36.6	900	29
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	242.5	16.8	1	36.6	896	31
Hefty	H5624SS	STX	106	241.5	15.0	1	34.8	906	27
Wyffels	W4196RIB	VT2P,B	105	240.7	15.3	1	36.6	900	30
Pioneer	P1197AMXT CK	AMXT,B	111	259.5	17.2	1	38.4	956	9

Jason Beyers

beyers@frontiernet.net, (815) 985-7369

Averages = **246.8** **16.1** **1** **37.3** **917**

LSD (0.10) = 13.3 0.7 ns

LSD (0.25) = 7.0 0.4 ns

C.V. = 5.1 Prev. years average yield, 195.2 bu/a, 17 yrs

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

Test Comments: *Planting conditions were ideal and the plot received a couple of showers after planting, but then turned off dry. When we were taking stand counts at the V5-V6 growth stage, corn leaves were rolling due the heat. Later, the season turned around and everything fell into place. Stalks were still good and ears were filled close to the tip, but not as much girth as we have seen at other sites.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 9/18/2018 Revised:

2018 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Boundary, Flexstar, Fusilade
SOIL DESCRIPTION: Flanagan-Dana silt loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 6.2 pH, 3.7% OM, 18.5 CEC
PEST MANAGEMENT: Acuron, atrazine, Roundup, Force
FERTILITY - Applied N: 147 Fall, 45 Spring
Applied N-P-K (units): 192-85-153
SEEDING - RATE - ROW: Apr 26 37,500 /A 30" spacing
HARVESTED - STAND: Sep 17 37,400 /A

Full-Season Test
111 - 115 Day CRM
B2018ILEC19b

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
ProHarvest	8324VT2PRIB	VT2P,B	113	276.3	17.3	1	38.4	1,017	1
Wyffels	W7888RIB	STX,B	114	272.3	17.9	1	37.5	997	2
FS InVISION	FS 63ZX1 RIB	STX,B	113	272.1	18.4	1	39.3	993	5
Dairyland	DS-7513	PC	113	271.8	20.2	1	38.4	977	9
Dekalb	DKC64-34RIB GC	STX,B	114	270.2	18.0	1	38.4	989	6
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	269.9	17.0	1	36.6	996	3
Stone	6188RIB	STX,B	111	268.1	18.2	1	37.5	980	8
Renk	RK945DGV2P	VT2P,DG	115	268.1	18.9	1	37.5	974	11
LG Seeds	LG5606STXRIB	STX,B	111	267.7	16.2	1	37.5	994	4
FS InVISION	FS 62ZX1 RIB	STX,B	112	267.5	18.4	1	37.5	976	10
LG Seeds	LG5643VT2RIB	VT2P,B	114	266.6	17.2	1	38.4	982	7
Renk	RK842SSTX	STX	112	264.3	17.5	1	34.8	971	12
Hefty	H6324SS	STX	112	263.6	17.2	1	39.3	971	13
NuTech/G2 Gen	5LB-7215	AMXT,B	115	262.3	18.9	1	35.7	953	19
Dyna-Gro	D52SS63	STX	112	262.0	17.0	1	37.5	967	14
Renk	RK871VT2P	VT2P,B	111	260.4	16.7	1	36.6	963	15
Purple Ribbon	18T13SSRIB	STX,B	113	260.1	16.8	1	37.5	961	16
NuTech/G2 Gen	5F-713	AM,B	113	259.6	16.6	1	39.3	961	17
Dairyland	DS-9412SSX	STX	112	258.6	16.7	1	35.7	957	18
Hefty	H6424SS	STX	114	258.4	17.8	1	36.6	947	23
Golden Harvest	G15L32-3000GT	3000GT	115	258.4	18.6	1	37.5	941	26
Dyna-Gro	D52VC15	VT2P	112	258.1	16.9	1	38.4	953	20
Great Heart	HT-7302VT2PRIB	VT2P,B	113	257.9	18.1	1	37.5	943	24
Sun Prairie	SP2852GSSRIB	STX,B	114	257.9	18.7	1	40.2	938	29
Hefty	H6223	VT2P,DG	112	257.7	17.2	1	36.6	949	21
Wyffels	W7578RIB	STX,B	113	257.7	17.2	1	35.7	949	22
FS InVISION	FS 64SX1 RIB	STX,B	114	255.8	18.1	1	36.6	935	31
Renk	RK937SSTX	STX	113	255.7	17.4	1	37.5	940	28
Wyffels	W6956	VT2P	111	254.7	17.3	1	37.5	938	30
Golden Harvest	G11A33-3111	3111	111	253.7	16.4	1	36.6	941	27
Pioneer	P1197AMXT CK	AMXT,B	111	256.5	17.4	1	37.5	943	25

Jason Beyers

beyers@frontiernet.net, (815) 985-7369

Averages = **256.1** **17.7** **1** **37.4** **940**

LSD (0.10) = 14.0 0.7 ns

LSD (0.25) = 7.3 0.4 ns

C.V. = 5.2 Prev. years average yield, 195.2 bu/a, 17 yrs

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

Test Comments: *Planting conditions were ideal and the plot received a couple of showers after planting, but then turned off dry. When we were taking stand counts at the V5-V6 growth stage, corn leaves were rolling due the heat. Later, the season turned around and everything fell into place. Stalks were still good and ears were filled close to the tip, but not as much girth as we have seen at other sites.*

† 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

Additional reports available at www.firstseedtests.com

©2018, all rights reserved by Elite Field Genetics, LLC

Report Date: 9/18/2018 Revised:

2018 Corn Grain - Illinois East Central [ILEC]



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					

2018 Corn Grain - Illinois East Central [ILEC]



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.