

2018 Corn Grain Top 30 Performance Summary for Illinois East Central [ILEC]



Early-Season Test

105 - 110 Day CRM

B2018ILECa

Top 30 of 45

For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Forsyth	Toluca			Tuscola		Watseka
				Bu/A	%	%	\$/A	Rank		Thomasboro	Towanda	Tuscola			
Wyffels	W5626	VT2P	108	259.0	17.8	3	949	1	255.9	262.3	263.0	251.7	264.5	256.8	
Wyffels	W5518	STX	109	253.5	18.8	1	922	4	252.3	252.8	264.1	243.4	257.0	251.2	
Stone	5858RIB	STX,B	108	252.7	17.6	2	928	2	262.2	233.3	264.8	251.5	251.0	253.6	
NuTech/G2 Gen	5FN-8808	OI	108	252.4	17.6	1	927	3	266.2	237.2	261.9	232.9	245.9	270.5	
Great Heart	HT-6901SSRIB	STX,B	109	249.3	19.1	1	904	8	237.5	242.4	273.7	232.1	259.7	250.6	
Sun Prairie	SP2525GSS	STX	110	248.7	19.2	1	901	10	247.3	254.3	254.3	237.5	242.3	256.3	
Dyna-Gro	D49SS70	STX	109	248.4	18.5	1	905	6	258.5	242.6	269.5	231.4	245.4	243.2	
Wyffels	W6408	STX	110	248.3	18.8	1	903	9	248.4	248.1	247.6	242.1	252.9	250.6	
Golden Harvest	G09A86-3000GT	3000GT	109	248.1	18.4	1	905	7	252.4	259.0	267.1	232.6	241.0	236.7	
Purple Ribbon	G9R09VT2P	VT2P	109	247.5	17.7	2	908	5	260.9	250.9	238.2	226.5	245.2	263.5	
NK Brand	NK0886-3010	3010	108	246.7	18.2	2	901	11	255.0	258.5	248.1	232.0	244.0	242.8	
FS InVISION	FS 59VL1 EZR	3220,B	109	246.3	19.0	3	894	16	253.5	248.2	253.2	234.9	244.7	243.3	
Hefty	H5922VT2P	VT2P	109	244.9	18.3	2	894	17	240.2	262.1	251.3	214.7	244.7	256.3	
FS InVISION	FS 60UX1 RIB	STX,B	110	243.9	19.0	1	885	20	235.8	238.5	258.5	237.7	241.9	250.7	
FS InVISION	FS 60LX1 RIB	STX,B	110	243.4	18.7	1	886	19	242.5	248.5	248.8	236.7	242.8	241.2	
Wyffels	W4196RIB	VT2P,B	105	242.9	16.8	1	898	13	240.7	263.9	243.7	225.6	244.1	239.1	
Renk	RK763VT2P	VT2P,B	108	242.9	17.1	1	896	14	261.2	225.9	242.1	234.2	239.6	254.2	
NuTech/G2 Gen	5FB-9909	AM,B	109	242.8	17.7	7	891	18	256.7	207.4	271.4	228.2	229.6	263.5	
ProHarvest	6828StaxRIB	STX,B	107	242.4	16.9	1	895	15	252.0	245.3	246.1	212.5	239.4	259.1	
Dekalb	DKC60-87RIB	STX,B	110	241.7	19.3	4	875	26	265.4	242.2	242.1	221.1	231.8	247.8	
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	241.5	17.9	1	885	21	242.5	242.3	246.0	240.1	237.6	240.5	
Pfister	68A1PE	PC,E	108	241.2	18.9	1	876	25	245.6	237.2	247.6	214.0	253.9	248.8	
Golden Harvest	G08M20-3010	3010	108	241.0	18.1	2	881	22	254.7	258.4	232.1	232.1	230.3	238.1	
Renk	RK779SSTX	STX	108	240.9	18.4	1	879	23	246.9	244.0	244.7	220.3	240.6	249.1	
Pfister	69H1PE	PC,E	109	238.8	18.2	3	873	27	251.9	226.6	244.5	225.6	231.4	252.7	
Pfister	66Y3PE	PC,E	106	237.3	16.8	1	877	24	248.7	229.6	249.1	221.1	234.9	240.6	
ProHarvest	8015VT2PRIB	VT2P,B	110	236.8	17.5	1	870	30	237.0	253.4	243.6	222.2	225.1	239.5	
LG Seeds	LG59C66VT2PRO	VT2P	109	236.8	17.6	1	870	31	244.5	241.8	246.3	205.9	242.8	239.7	
Hefty	H5624SS	STX	106	236.6	17.0	2	873	28	241.5	243.1	244.8	209.9	239.2	240.8	
LG Seeds	LG5525VT2RIB	VT2P,B	105	236.1	16.8	1	873	29	235.4	247.9	250.6	213.4	237.2	232.0	
Pioneer	P1197AMXT CK	AMXT,B	111	248.8	19.7	4	898	12	259.5	248.2	261.5	224.2	236.6	263.0	

Averages =	240.9	18.2	2	880	246.8	237.5	251.0	225.1	238.9	245.8
LSD (0.10) =	7.9	0.5	ns		13.3	14.2	11.4	12.2	10.3	11.5
LSD (0.25) =	4.1	0.3	ns		7.0	7.4	6.0	6.4	5.4	6.0

Previous years average yield for region, 191.8 bu/a, 21 yrs

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 9/19/2018

Revised:

2018 Corn Grain Top 30 Performance Summary for Illinois East Central [ILEC]



Full-Season Test

111 - 115 Day CRM

B2018ILECb

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For Gross Income (Sorted by Yield), (18) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Forsyth	Toluca		Tuscola		Watseka
				Bu/A	%	%	\$/A	Rank		Thomasboro	Towanda	Tuscola		
Renk	RK945DGVT2P	VT2P,DG	115	255.8	22.2	1	904	7	268.1	223.2	277.2	245.7	254.3	266.0
Hefty	H6223	VT2P,DG	112	255.2	20.2	1	917	2	257.7	245.3	265.9	247.7	252.5	262.0
Stone	6368RIB	STX,B	113	254.4	21.6	4	904	8	254.2	236.9	258.4	245.2	251.3	280.5
Dyna-Gro	D52VC15	VT2P	112	254.1	18.9	1	923	1	258.1	253.8	279.9	236.2	245.6	250.9
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	253.9	19.9	2	915	3	269.9	245.0	257.6	240.0	252.4	258.5
Wyffels	W7888RIB	STX,B	114	253.7	21.1	1	905	6	272.3	240.7	253.3	243.5	245.3	267.3
ProHarvest	8147StaxRIB	STX,B	111	252.1	19.0	3	915	4	247.2	241.2	275.1	246.7	249.1	253.2
Great Heart	HT-7302VT2PRIB	VT2P,B	113	251.2	21.5	2	893	15	257.9	243.9	262.6	238.5	234.8	269.5
Stone	6188RIB	STX,B	111	251.1	21.4	1	893	16	268.1	251.3	260.7	221.7	242.3	262.6
Hefty	H6324SS	STX	112	251.0	20.2	2	902	9	263.6	237.2	267.5	233.9	253.5	250.0
Wyffels	W6956	VT2P	111	250.7	19.4	2	907	5	254.7	253.5	275.3	223.3	235.4	262.0
Golden Harvest	G13Z50-3110	3110	113	250.1	20.2	1	899	10	252.9	237.9	250.9	241.4	256.3	261.3
FS InVISION	FS 64SX1 RIB	STX,B	114	249.6	21.6	3	887	19	255.8	219.2	284.8	226.5	243.5	267.8
Great Heart	HT-7244VT2PRIB	VT2P,B	112	249.5	20.6	1	894	13	244.6	241.0	276.5	235.2	246.8	252.8
Dyna-Gro	D52SS63	STX	112	249.1	20.3	3	895	12	262.0	228.8	254.6	237.9	252.5	258.5
Dairyland	DS-9412SSX	STX	112	248.9	20.8	1	890	18	258.6	247.2	254.5	235.7	237.6	259.5
ProHarvest	8324VT2PRIB	VT2P,B	113	247.6	19.4	2	896	11	276.3	235.0	262.3	235.9	238.8	237.0
Stone	6468RIB	STX,B	114	247.6	19.7	2	894	14	250.3	242.4	264.8	226.0	251.3	250.7
Renk	RK842SSTX	STX	112	247.3	20.6	3	886	20	264.3	230.8	264.3	222.6	239.3	262.2
FS InVISION	FS 62ZX1 RIB	STX,B	112	246.7	20.3	1	886	21	267.5	232.4	268.3	225.4	230.3	256.5
LG Seeds	LG5643VT2RIB	VT2P,B	114	246.2	20.2	3	885	22	266.6	223.4	247.8	220.6	249.1	269.4
Renk	RK937SSTX	STX	113	246.0	20.2	1	884	23	255.7	242.1	273.4	214.8	245.2	244.9
Wyffels	W7578RIB	STX,B	113	245.3	20.1	1	882	25	257.7	241.4	256.4	235.8	236.5	244.2
Golden Harvest	G15L32-3000GT	3000GT	115	245.3	21.3	3	874	29	258.4	225.2	266.7	237.4	230.0	254.2
LG Seeds	LG62C02STX	STX	112	245.2	21.0	1	875	28	246.9	227.1	261.5	227.4	238.3	270.2
Dekalb	DKC64-34RIB GC	STX,B	114	245.2	21.2	3	874	30	270.2	250.2	247.6	213.1	243.8	246.3
NuTech/G2 Gen	5FN-2213	OI	113	244.6	20.9	6	874	31	251.4	220.9	263.4	228.2	226.4	277.5
LG Seeds	LG5606STXRIB	STX,B	111	244.2	19.4	4	884	24	267.7	227.2	241.8	228.1	250.6	249.8
NK Brand	NK1354-3110	3110	113	244.2	19.9	1	880	26	251.7	242.2	244.3	235.9	243.1	248.2
Wyffels	W6898RIB	STX,B	112	243.9	20.0	1	878	27	240.1	234.3	257.1	239.9	240.1	252.1
Pioneer	P1197AMXT CK	AMXT,B	111	247.3	19.8	5	892	17	256.5	247.5	259.1	225.0	236.3	259.5

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Averages =	244.3	20.7	2	875	256.1	231.2	259.9	226.6	238.2	254.1
LSD (0.10) =	7.3	0.5	ns		14.0	12.0	12.3	13.4	10.3	12.8
LSD (0.25) =	3.8	0.3	ns		7.3	6.3	6.5	7.0	5.4	6.7

Previous years average yield for region, 191.8 bu/a, 21 yrs

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

† See last page for additional information. Dark shaded 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 test grain moisture limit. ns = not significantly different; ‡ = 2 reps.

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Report Date: 9/19/2018 Revised:

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®TRIssect (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 Boreer	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	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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