

2018 Corn Grain Top 30 Harvest Report

Illinois East Central [ILEC] WATSEKA
Linden Wessels, Iroquois County, IL 60970



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

PREV. CROP/HERB: Soybean / Sonic, Liberty
SOIL DESCRIPTION: Milford-Ridgeville silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.1 pH, 2.9% OM, 17.3 CEC
PEST MANAGEMENT: Volley ATZ, Callisto, Roundup, atrazine, Force
FERTILITY - Applied N: 23 Fall, 175 Spring
Applied N-P-K (units): 198-58-105
SEEDING - RATE - ROW: Apr 24 37,500 /A 30" spacing
HARVESTED - STAND: Sep 13 35,800 /A

Early-Season Test

105 - 110 Day CRM
B2018ILEC23a

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	270.5	19.8	1	36.6	975	1
Purple Ribbon	19R09VT2P	VT2P	109	263.5	19.2	1	36.6	955	2
NuTech/G2 Gen	5FB-9909	AM,B	109	263.5	20.0	1	37.5	949	3
Pioneer	P0825AMXT GC	AMXT,B	108	260.3	20.5	1	37.5	933	5
ProHarvest	6828StaxRIB	STX,B	107	259.1	18.0	1	35.7	948	4
Wyffels	W5626	VT2P	108	256.8	19.4	1	35.7	929	6
Hefty	H5922VT2P	VT2P	109	256.3	20.3	1	34.8	920	9
Sun Prairie	SP2525GSS	STX	110	256.3	21.4	1	34.0	912	12
Renk	RK763VT2P	VT2P,B	108	254.2	18.8	1	35.7	924	8
Stone	5858RIB	STX,B	108	253.6	19.8	1	36.6	914	10
Pfister	69H1PE	PC,E	109	252.7	19.4	1	34.0	914	11
Wyffels	W5518	STX	109	251.2	20.6	1	37.5	900	13
FS InVISION	FS 60UX1 RIB	STX,B	110	250.7	21.1	1	32.2	894	14
Great Heart	HT-6901SSRIB	STX,B	109	250.6	21.2	1	35.7	893	15
Wyffels	W6408	STX	110	250.6	21.3	1	35.7	892	17
Renk	RK779SSTX	STX	108	249.1	21.2	1	35.7	888	18
Pfister	68A1PE	PC,E	108	248.8	20.4	1	34.0	893	16
Dekalb	DKC60-87RIB	STX,B	110	247.8	21.1	1	35.7	884	19
LG Seeds	LG58C77VT2PRO	VT2P	108	245.1	21.9	1	36.6	868	29
NuTech/G2 Gen	5F-308	AM,B	108	244.0	20.5	1	38.4	875	25
FS InVISION	FS 59VL1 EZR	3220,B	109	243.3	20.0	1	33.1	876	24
Dyna-Gro	D49SS70	STX	109	243.2	20.5	1	35.7	872	27
NK Brand	NK0886-3010	3010	108	242.8	19.6	1	34.8	877	22
Renk	RK815SSTX	STX,B	110	241.8	20.3	1	35.7	868	30
Hefty	H5624SS	STX	106	240.8	18.9	1	34.8	875	26
Pfister	66Y3PE	PC,E	106	240.6	18.2	1	37.5	879	20
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	240.5	18.3	1	36.6	878	21
LG Seeds	LG59C66VT2PRO	VT2P	109	239.7	19.4	1	36.6	867	31
Wyffels	W4196RIB	VT2P,B	105	239.1	17.8	1	35.7	877	23
FS InVISION	FS 57ZX1 RIB	STX,B	107	237.5	18.0	1	34.8	869	28
Pioneer	P1197AMXT CK	AMXT,B	111	263.0	22.5	1	36.6	927	7

Jason Beyers

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

Averages = **245.8** **20.1** **1** **35.8** **884**

LSD (0.10) = 11.5 0.7 ns

LSD (0.25) = 6.0 0.4 ns

C.V. = 4.4 Prev. years average yield, 208.4 bu/a, 16 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 really nice plot. It started off really well with great stand. Rainfall was limited during July and August. A wind storm shortly after pollination that impacted one corner of the test area, but all the corn was harvestable. There were small pockets of gray leaf spot and northern corn leaf blight but nothing significant. Most ears were filled within 1/2 inch of the tip with good kernel depth.*

† 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: 9/14/2018 Revised: 9/17/2018 Product NuTech/G2 Gen E5FN-A808 revised to 5FN-8808

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PEST MANAGEMENT: Volley ATZ, Callisto, Roundup, atrazine, Force
FERTILITY - Applied N: 23 Fall, 175 Spring
Applied N-P-K (units): 198-58-105
SEEDING - RATE - ROW: Apr 24 37,500 /A 30" spacing
HARVESTED - STAND: Sep 13 36,200 /A

Full-Season Test

111 - 115 Day CRM
B2018ILEC23b

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
Stone	6368RIB	STX,B	113	280.5	25.3	4	35.7	965	1
NuTech/G2 Gen	5FN-2213	OI	113	277.5	24.6	1	36.6	961	2
LG Seeds	LG62C02STX	STX	112	270.2	24.7	1	37.5	935	5
Great Heart	HT-7302VT2PRIB	VT2P,B	113	269.5	24.7	1	34.8	932	6
LG Seeds	LG5643VT2RIB	VT2P,B	114	269.4	23.7	1	36.6	940	3
Stone	6628RIB	STX,B	116	267.9	26.0	1	38.4	916	11
FS InVISION	FS 64SX1 RIB	STX,B	114	267.8	25.6	2	38.4	919	9
Wyffels	W7888RIB	STX,B	114	267.3	23.3	1	36.6	936	4
Renk	RK945DGV2P	VT2P,DG	115	266.0	24.4	2	37.5	922	8
Stone	6188RIB	STX,B	111	262.6	23.9	1	36.6	915	13
Renk	RK842SSTX	STX	112	262.2	24.5	2	37.5	909	18
Wyffels	W6956	VT2P	111	262.0	21.4	1	34.8	932	7
Hefty	H6223	VT2P,DG	112	262.0	23.8	1	36.6	913	14
Golden Harvest	G13Z50-3110	3110	113	261.3	22.8	1	33.1	919	10
Dairyland	DS-9412SSX	STX	112	259.5	24.1	1	35.7	902	19
Pioneer	P1366AMXT GC	AMXT,B	113	259.4	22.8	1	37.5	912	15
LG Seeds	LG5650STXRIB	STX,B	115	258.7	25.0	1	37.5	893	23
Great Heart	HT-7486SSRIB	STX,B	114	258.7	25.9	1	37.5	886	27
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	258.5	22.6	1	37.5	910	17
Dyna-Gro	D52SS63	STX	112	258.5	23.8	2	34.8	901	20
Sun Prairie	SP2852GSSRIB	STX,B	114	257.5	25.0	1	36.6	888	26
NuTech/G2 Gen	5F-713	AM,B	113	256.6	22.9	6	36.6	901	21
FS InVISION	FS 62ZX1 RIB	STX,B	112	256.5	22.9	1	35.7	901	22
ProHarvest	8147StaxRIB	STX,B	111	253.2	20.1	1	35.7	911	16
Great Heart	HT-7244VT2PRIB	VT2P,B	112	252.8	24.1	1	37.5	879	30
Wyffels	W6898RIB	STX,B	112	252.1	22.0	1	35.7	892	25
NuTech/G2 Gen	5FB-6313	AM,B	113	251.7	22.6	1	38.4	886	28
Dyna-Gro	D52VC15	VT2P	112	250.9	21.3	1	36.6	893	24
Hefty	H6324SS	STX	112	250.0	22.8	1	36.6	879	31
LG Seeds	LG5606STXRIB	STX,B	111	249.8	22.1	1	35.7	884	29
Pioneer	P1197AMXT CK	AMXT,B	111	259.5	22.3	1	37.5	916	12

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Averages = **254.1** **23.5** **2** **36.2** **888**

LSD (0.10) = 12.8 1.1 ns

LSD (0.25) = 6.7 0.6 ns

C.V. = 4.8 Prev. years average yield, 208.4 bu/a, 16 yrs

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Report Date: 9/14/2018 Revised: 9/17/2018 Product NuTech/G2 Gen E5FN-A213 revised to 5FN-2213

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	5LB-7215	AMXT,B	CM,C2,R,Lu	115					
NuTech/G2 Gen	5FN-2213	OI	MQ,P5V,R	113					
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.