

2018 Corn Grain Top 30 Performance Summary for Illinois North [ILNO]



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

Ultra Early-Season Test

101 - 105 Day CRM

B2018ILNOu

Top 30 of 42

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Grand Ridge	Mazon		Walnut		Winnebago
				Bu/A	%	%	\$/A	Rank	Malta	Sublette				
NuTech/G2 Gen	E5FN-A604	OI	104	260.5	17.9	3	954	1	284.2	193.6	199.9	271.8	266.6	280.0
Golden Harvest	G05K08-3010A	3010,A	105	252.9	16.6	1	936	2	271.7	214.3	185.2	269.5	274.7	263.5
Dairyland	DS-7603PE	PC,E	103	248.1	17.4	2	913	5	262.1	195.0	173.2	265.2	265.0	274.9
Stone	5448RIB	STX,B	104	247.8	16.6	1	917	3	273.8	185.9	189.7	269.5	247.1	258.7
NuTech/G2 Gen	5F-702	AM,B	102	247.0	16.6	1	914	4	262.5	240.4	178.0	257.2	273.0	264.1
Pioneer	P0339AMT GC	AMT,AQ,B	103	246.5	17.6	1	905	8	264.1	220.7	189.4	268.8	238.3	272.0
Wyffels	W3488	STX	104	245.7	16.7	1	909	6	259.6	220.7	178.6	265.7	252.5	272.2
Pfister	64F1PE	PC,E	104	245.7	17.5	1	903	10	266.0	197.3	184.9	248.1	269.5	260.1
Hefty	H5524SS	STX	105	245.5	17.2	1	904	9	259.9	197.7	184.9	272.9	252.1	257.7
Golden Harvest	G05B91-3010	3010	105	244.8	16.5	1	907	7	247.8	197.1	175.7	260.2	267.8	272.3
Burrus	Power Plus 2B77^	AMXT,B	105	244.3	18.2	1	893	12	267.3	197.9	178.5	266.1	249.5	260.0
NuTech/G2 Gen	5F-601	AM,AQ,B	101	243.2	16.9	3	898	11	274.4	202.6	190.5	245.7	253.3	252.3
Wyffels	W4196RIB	VT2P,B	105	242.2	17.4	1	891	14	256.6	202.9	183.0	249.9	245.2	276.3
NuTech/G2 Gen	5F-504	AM,B	104	241.9	17.2	2	891	15	276.9	197.3	173.0	261.0	237.9	260.7
NuTech/G2 Gen	5F-503	AM,B	103	241.2	16.7	1	892	13	260.0	202.4	175.4	255.7	252.2	262.5
YIELDirect	4M74	VT2P,B	105	240.4	17.0	2	887	16	264.7	202.6	168.9	249.3	256.9	262.3
NK Brand	NK0440-3010	3010	104	238.6	16.2	2	886	17	251.8	202.2	159.7	259.4	253.8	268.2
NK Brand	NK0330-3120-EZR	3120,B	103	238.3	17.0	13	879	22	268.7	202.3	178.2	259.7	241.4	243.6
Titan Pro	82-04 2P	VT2P,B	104	238.1	17.1	1	878	23	266.0	197.4	175.2	245.4	235.4	268.7
Cornelius	C385DP	VT2P	103	237.5	15.7	1	886	18	257.3	197.4	176.1	248.4	243.2	262.6
Wyffels	W2506	VT2P	101	237.0	15.7	1	884	19	253.1	197.3	180.2	263.9	218.8	268.9
FS InVISION	FS 52RL0 EZR	3120,B	102	237.0	16.1	6	881	21	257.0	202.7	178.4	267.4	237.3	244.9
Hefty	H5212VT2PRIB	VT2P,B	102	236.6	15.8	4	882	20	260.9	202.7	162.6	258.7	239.5	261.4
LG Seeds	LG5525VT2RIB	VT2P,B	105	236.4	17.3	1	870	26	265.8	202.6	170.9	249.1	230.1	266.0
Renk	RK717SSTX	STX,B	105	235.9	16.4	2	875	25	255.1	198.9	172.6	253.1	232.9	265.6
Hefty	H5302VT2PRIB	VT2P,B	103	235.6	15.8	1	878	24	269.2	195.2	167.0	252.1	229.7	260.2
FS InVISION	FS 53ZX1 RIB	STX,B	103	234.3	16.6	1	867	27	240.4	198.6	177.3	240.6	252.1	261.2
Dairyland	DS-9804RA	STX,B	103	233.9	16.9	3	864	28	250.6	155.4	177.1	263.7	229.8	248.1
Hefty	H5504SSRIB	STX,B	105	233.6	16.8	1	863	30	274.2	182.9	159.9	231.7	247.8	254.2
Renk	RK604SSTX	STX	102	232.2	16.0	1	864	29	257.9	184.2	176.1	248.4	222.2	256.5

Data Rejected - Not in Summary

Averages =	237.8	16.8	2	879	257.7	191.3	176.7	254.3	242.2	258.1
LSD (0.10) =	8.0	0.6	3		11.4	30.5	10.0	15.0	12.2	10.6
LSD (0.25) =	4.2	0.3	2		6.0	16.0	5.2	7.9	6.4	5.6

Previous years average yield for region, 206.3 bu/a, 20 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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2018 Corn Grain Top 30 Performance Summary for Illinois North [ILNO]



Early-Season Test

106 - 109 Day CRM

B2018ILNOa

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Grand Ridge		Mazon	Walnut		Winnebago
				Bu/A	%	%	\$/A	Rank	Malta	Sublette	Walnut			
Burrus	Power Plus 4A67^	AMXT,B	109	265.0	19.0	2	962	1	290.2	172.9	211.1	290.6	262.2	271.0
NuTech/G2 Gen	5FB-9909	AM,B	109	263.6	18.4	1	962	2	279.7	199.0	187.3	282.9	287.4	280.7
FS InVISION	FS 58R49	3111	108	260.7	18.9	2	947	4	279.3	195.3	207.0	283.3	267.4	266.3
Wyffels	W6408	STX	110	260.2	19.2	2	943	5	284.3	209.3	187.1	273.9	273.6	282.1
NuTech/G2 Gen	5FN-8808	OI	108	259.3	18.0	1	949	3	286.2	178.5	215.3	261.9	276.3	257.0
Dairyland	DS-7909PE	PC,E	109	258.2	19.8	4	931	9	265.7	204.4	185.4	285.0	285.0	270.1
Burrus	Power Plus 4Y34^	OI	108	257.7	18.3	2	941	7	284.2	204.4	210.4	251.1	277.3	265.5
NuTech/G2 Gen	5F-308	AM,B	108	256.8	18.8	1	934	8	269.1	207.7	190.9	260.1	277.5	286.3
FS InVISION	FS 59VL1 EZR	3220,B	109	254.1	19.2	3	921	12	267.1	204.4	191.0	270.1	267.9	274.5
Stone	5638RIB	STX,B	106	253.9	18.3	1	927	10	277.5	203.3	186.6	270.9	262.3	272.0
Pfister	66Y3PE	PC,E	106	252.9	17.8	4	927	11	264.6	203.3	188.7	278.1	253.3	279.7
Wyffels	W5518	STX	109	252.8	18.8	2	919	14	285.7	203.1	190.7	256.9	257.5	273.4
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	252.0	19.3	3	912	22	286.1	203.3	184.2	266.9	256.9	266.1
LG Seeds	LG5548STXRIB	STX,B	109	251.8	18.3	3	919	15	264.0	203.3	192.7	284.4	252.5	265.6
NK Brand	NK0821-3120A-EZR	3120,A,B	108	251.8	18.9	2	915	19	287.3	203.6	184.3	272.9	246.6	267.7
Dyna-Gro	D49SS70	STX	109	251.0	18.9	1	912	23	272.5	203.2	193.3	274.3	234.7	280.4
Hefty	H5812VT2PRIB	VT2P,B	108	250.4	17.6	1	919	16	269.8	203.0	178.9	264.5	247.4	291.4
Wyffels	W5626	VT2P	108	250.4	17.6	1	919	17	286.1	203.0	174.9	240.5	274.9	275.6
Dairyland	DS-6008	RR2	108	250.2	19.0	1	908	29	285.7	202.4	177.4	273.3	245.0	269.8
Pfister	69H1PE	PC,E	109	250.2	19.2	4	907	30	269.9	202.2	203.1	264.1	261.2	252.9
Dyna-Gro	D47SS29RIB	STX,B	106	249.7	17.1	2	921	13	280.3	202.7	196.8	268.1	247.9	255.4
Pioneer	P0707AMXT GC	AMXT,B	107	249.5	18.6	2	909	27	263.4	202.6	195.0	272.7	251.5	264.8
Cornelius	C573DP	VT2P	108	249.3	17.6	1	915	20	270.7	202.1	184.4	260.1	259.3	272.2
NK Brand	NK0886-3010	3010	108	249.1	18.1	1	911	24	277.1	202.0	179.1	261.0	254.2	274.0
ProHarvest	6828StaxRIB	STX,B	107	249.0	17.3	1	917	18	270.2	202.7	205.4	269.2	241.0	259.4
Stone	5858RIB	STX,B	108	248.6	17.6	1	913	21	270.7	179.4	193.9	246.5	254.8	277.3
Renk	RK763VT2P	VT2P,B	108	247.9	17.5	2	911	25	276.6	206.8	192.6	257.8	245.1	267.3
Renk	RK737VT2P	VT2P	106	247.1	17.1	1	911	26	270.0	228.1	179.3	259.2	261.6	265.5
Cornelius	C478DP	VT2P	106	246.3	17.0	1	909	28	275.9	222.4	184.5	245.0	263.1	262.8
FS InVISION	FS 57ZX1 RIB	STX,B	107	245.7	17.0	2	907	31	270.2	208.9	194.6	262.6	241.5	259.5
Pioneer	P0825AMXT CK	AMXT,B	108	258.5	18.7	1	941	6	255.8	221.9	209.7	295.7	254.3	277.0

Data Rejected - Not in Summary

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Averages =	248.2	18.3	2	906	268.9	204.5	188.9	263.1	254.0	265.9
LSD (0.10) =	9.3	0.6	2		13.7	27.5	11.2	13.9	13.6	8.4
LSD (0.25) =	2.7	0.2	1		7.2	14.4	5.9	7.3	7.1	4.4

Previous years average yield for region, 206.3 bu/a, 20 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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2018 Corn Grain Top 30 Performance Summary for Illinois North [ILNO]



Full-Season Test

110 - 113 Day CRM

B2018ILNOB

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For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Grand Ridge	Malta	Mazon	Sublette	Walnut	Winnebago
Wyffels	W7696RIB	VT2P,B	113	259.8	21.6	4	923	5	302.9	208.5	184.7	264.6	279.5	267.1
NuTech/G2 Gen	5F-713	AM,B	113	259.4	20.4	6	931	2	304.9	207.2	175.0	274.8	276.4	265.8
Pfister	71C1PCR	PC,B	111	259.0	21.8	1	918	12	263.0	199.1	219.8	269.1	264.2	279.1
NuTech/G2 Gen	5FN-2213	OI	113	258.9	20.1	2	931	3	288.4	212.0	201.6	269.3	275.6	259.7
Wyffels	W7578RIB	STX,B	113	258.5	20.3	2	928	4	276.5	203.1	206.6	269.7	276.8	262.7
Cornelius	C667SS	STX	112	257.2	20.4	2	923	6	285.1	199.1	190.6	268.3	266.4	275.7
FS InVISION	FS 63ZX1 RIB	STX,B	113	257.2	20.8	1	920	10	294.6	197.6	186.6	260.1	273.9	271.0
Dyna-Gro	D52SS63	STX	112	257.0	20.6	1	921	9	273.4	197.8	197.3	269.0	283.7	261.6
Dairyland	DS-7513	PC	113	256.7	21.8	1	910	19	276.6	207.7	202.4	274.3	266.5	263.8
Stone	6368RIB	STX,B	113	256.5	21.4	4	913	15	287.5	202.2	169.0	284.5	276.5	265.2
NuTech/G2 Gen	5FB-6313	AM,B	113	256.0	21.1	4	913	16	309.4	201.4	182.0	276.0	251.7	260.9
Hefty	H6223	VT2P,DG	112	255.2	20.1	2	918	13	289.1	207.7	195.0	255.9	273.0	263.0
ProHarvest	8324VT2PRIB	VT2P,B	113	255.1	19.5	2	922	7	295.7	207.7	181.3	243.7	278.8	275.9
Renk	RK842SSTX	STX	112	254.6	20.9	2	910	20	280.9	207.8	196.6	273.4	264.1	258.1
Wyffels	W6956	VT2P	111	254.2	19.3	3	920	11	288.1	207.6	190.4	253.5	269.2	269.7
Cornelius	C633DP	VT2P	110	253.4	18.7	1	922	8	290.2	207.5	178.3	274.1	256.2	268.3
FS InVISION	FS 62ZX1 RIB	STX,B	112	253.4	20.6	3	908	21	274.0	207.7	197.2	262.8	269.0	263.9
FS InVISION	FS 60UX1 RIB	STX,B	110	253.1	19.7	2	913	17	289.8	204.4	171.2	273.2	263.8	267.6
Burrus	Power Plus 6Z43^	OI	113	252.9	20.5	2	907	24	284.7	207.8	187.9	263.8	270.3	257.8
Golden Harvest	G13Z50-3110	3110	113	252.8	19.8	5	912	18	298.8	207.8	154.9	268.1	264.0	278.3
ProHarvest	8015VT2PRIB	VT2P,B	110	252.2	19.0	1	915	14	286.1	207.0	181.1	270.2	256.4	267.1
NuTech/G2 Gen	5FB-1010	AM,B	110	252.2	20.1	3	907	25	292.8	207.3	186.3	262.4	259.0	260.7
Renk	RK937SSTX	STX	113	251.7	19.8	2	908	22	274.5	207.1	182.4	265.5	280.5	255.4
Hefty	HCEXP11322	VT2P	112	251.4	20.6	6	901	27	276.9	207.4	191.1	257.7	262.9	268.2
Wyffels	W6898RIB	STX,B	112	251.1	19.9	2	905	26	276.1	207.5	184.5	270.7	263.7	260.5
Hefty	H6024SS	STX,B	110	250.8	19.3	4	908	23	281.5	232.9	183.0	258.0	257.3	274.3
Hefty	H6324SS	STX	112	250.2	19.9	2	901	28	271.1	223.7	185.6	261.4	267.9	264.9
Dairyland	DS-9510RA	STX,B	110	248.6	19.3	1	900	29	278.6	182.8	177.7	271.1	255.9	259.8
Dekalb	DKC63-21RIB GC	STX,B	113	247.8	19.2	2	898	30	272.9	164.0	162.5	263.5	267.7	272.2
Golden Harvest	G11F16-3111A	3111,A	111	246.8	19.3	4	894	31	277.0	221.9	159.0	267.2	267.9	262.9
Pioneer	P0825AMXT CK	AMXT,B	108	260.8	19.2	1	945	1	259.9	220.7	208.1	299.7	256.4	280.1

Data Rejected - Not in Summary

Averages =	249.6	20.1	3	898	280.9	201.4	181.1	262.1	261.2	263.0
LSD (0.10) =	8.5	0.7	ns		12.3	31.7	10.5	13.2	12.8	8.2
LSD (0.25) =	2.5	0.2	ns		6.5	16.6	5.5	6.9	6.7	4.3

Previous years average yield for region, 206.3 bu/a, 20 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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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 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	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.