

2018 Corn Grain Top 30 Harvest Report

Illinois West Central [ILWC] DELAVAN
 Dave Diekhoff, Tazewell County, IL 61734



PREV. CROP/HERB: Soybean / Engenia, Roundup, Warrant, Volunteer
 SOIL DESCRIPTION: Ipava silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Strip-till, very high P, very high K, 5.6 pH, 4.7% OM, 22.9 CEC
 PEST MANAGEMENT: Hinge, 2,4-D, atrazine, Quilt XL, Force
 FERTILITY - Applied N: 98 Fall, 32 Spring, 80 Sidedress
 Applied N-P-K (units): 210-73-91
 SEEDING - RATE - ROW: Apr 26 37,500 /A 30" spacing
 HARVESTED - STAND: Oct 16 36,200 /A

Early-Season Test
105 - 110 Day CRM
 B2018ILWC25a

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
Lewis	10DP719	VT2P,B	110	286.4	16.1	1	36.6	1,065	1
Wyffels	W5626	VT2P	108	286.4	16.2	2	36.6	1,064	2
Lewis	10DP747	VT2P,B	110	283.6	16.7	1	36.6	1,049	3
Renk	RK763VT2P	VT2P,B	108	277.3	15.8	1	38.4	1,033	4
NuTech/G2 Gen	5F-308	AM,B	108	275.8	16.6	1	34.8	1,021	5
NuTech/G2 Gen	5FB-9909	AM,B	109	272.3	15.7	2	36.6	1,015	6
Great Heart	HT-7026SSRIB	STX,B	110	271.7	16.9	1	35.7	1,003	8
FS InVISION	FS 60LX1 RIB	STX,B	110	269.5	16.5	1	36.6	998	10
Golden Harvest	G08M20-3010	3010	108	269.3	16.3	6	35.7	999	9
FS InVISION	FS 59VL1 EZR	3220,B	109	268.8	15.5	2	34.8	1,004	7
NuTech/G2 Gen	5FB-1010	AM,B	110	268.6	16.9	6	35.7	992	12
Lewis	R1511SS	STX,B	111	267.9	16.6	1	34.8	992	13
ProHarvest	6828StaxRIB	STX,B	107	266.6	15.8	1	34.8	993	11
LG Seeds	LG58C7VT2PRO	VT2P	108	266.5	16.1	1	36.6	991	14
LG Seeds	LG59C66VT2PRO	VT2P	109	265.9	16.6	2	34.8	984	15
Great Heart	HT-6901SSRIB	STX,B	109	264.3	17.0	1	35.7	975	20
ProHarvest	8015VT2PRIB	VT2P,B	110	264.2	16.6	1	35.7	978	19
NuTech/G2 Gen	5FN-8808	OI	108	263.5	15.7	1	35.7	983	16
Stone	5858RIB	STX,B	108	263.3	16.1	1	34.8	979	17
Dekalb	DKC60-87RIB GC	STX,B	110	262.1	16.6	2	37.5	970	21
Dyna-Gro	D49SS70	STX	109	261.9	16.9	1	37.5	967	25
Lewis	08SS739	STX,B	108	260.7	16.0	1	35.7	970	22
Wyffels	W5518	STX	109	260.7	16.5	1	36.6	966	26
Golden Harvest	G09A86-3000GT	3000GT	109	260.2	15.8	1	36.6	970	23
FS InVISION	FS 57ZX1 RIB	STX,B	107	259.9	15.9	1	35.7	968	24
Titan Pro	82-09 2P	VT2P,B	109	259.8	16.4	1	36.6	963	29
NK Brand	NK0821-3120A-EZR	3120,A,B	108	259.3	15.9	3	35.7	965	27
LG Seeds	LG5525VT2RIB	VT2P,B	105	259.1	16.0	1	37.5	964	28
Hefty	H6024SS	STX,B	110	258.6	16.1	1	37.5	961	30
Pfister	66Y3PE	PC,E	106	258.1	16.2	2	35.7	959	31
Pioneer	P1197AMXT CK	AMXT,B	111	263.0	15.9	9	37.5	979	18

Jason Beyers

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Averages = **262.4** **16.3** **2** **36.2** **974**

LSD (0.10) = 10.3 0.3 3

LSD (0.25) = 5.4 0.2 2

C.V. = 3.7 Prev. years average yield, 215.9 bu/a, 6 yrs

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

Test Comments: *Field surrounding the plot averaged 262 bu/ac according to Dave, our host. The plot started out great with ideal planting conditions and conditions remained favorable all season. No evidence of disease. Stalk strength was pretty good. Noted lodging was of plants bent over just below the ear. Ears had good girth with deep kernels. Recent rainfalls were allowing molds to start at the ear tip.*

† 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: 10/17/2018 Revised:

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Dave Diekhoff, Tazewell County, IL 61734



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

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PEST MANAGEMENT: Hinge, 2,4-D, atrazine, Quilt XL, Force
FERTILITY - Applied N: 98 Fall, 32 Spring, 80 Sidedress
Applied N-P-K (units): 210-73-91
SEEDING - RATE - ROW: Apr 26 37,500 /A 30" spacing
HARVESTED - STAND: Oct 16 37,000 /A

Full-Season Test

111 - 115 Day CRM
B2018ILWC25b

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
LG Seeds	LG62C02VT2PRO	VT2P	112	286.3	16.6	1	37.5	1,060	1
Golden Harvest	G15L32-3000GT	3000GT	115	282.1	17.1	14	36.6	1,040	2
Dyna-Gro	D54VC52	VT2P	114	281.2	17.5	1	37.5	1,033	4
Renk	RK945DGV2P	VT2P,DG	115	281.1	17.1	1	39.3	1,036	3
ProHarvest	8147StaxRIB	STX,B	111	277.6	16.0	2	35.7	1,033	5
ProHarvest	8324VT2PRIB	VT2P,B	113	277.6	16.9	1	37.5	1,025	6
Lewis	R1414SS	STX,B	114	277.3	17.1	1	37.5	1,022	8
NK Brand	NK1573-3110	3110	115	277.2	17.0	1	35.7	1,023	7
LG Seeds	LG5650STXRIB	STX,B	115	274.6	17.4	1	39.3	1,010	13
Hefty	H6223	VT2P,DG	112	274.5	16.8	1	35.7	1,015	9
Dyna-Gro	D52SS63	STX	112	274.3	17.0	1	37.5	1,012	11
Great Heart	HT-7302VT2PRIB	VT2P,B	113	274.2	16.9	1	37.5	1,013	10
Lewis	14SS857	STX,B	114	272.8	16.4	1	38.4	1,012	12
Wyffels	W6956	VT2P	111	271.6	16.6	1	36.6	1,005	14
Pfister	2874PCR	PC,B	113	271.2	17.0	1	39.3	1,001	15
NuTech/G2 Gen	5FB-6313	AM,B	113	270.6	16.7	2	35.7	1,001	16
Stone	6368RIB	STX,B	113	270.6	17.1	1	37.5	998	19
FS InVISION	FS 63ZX1 RIB	STX,B	113	270.5	17.4	1	37.5	995	23
Golden Harvest	G13Z50-3110	3110	113	270.4	16.8	1	36.6	999	17
Renk	RK842SSTX	STX	112	270.1	16.8	1	38.4	998	20
Hefty	HCEXP11322	VT2P	112	269.0	16.6	1	37.5	996	22
FS InVISION	FS 62ZX1 RIB	STX,B	112	268.8	16.8	1	35.7	993	24
Golden Harvest	G12W66-3122-EZR	3122,B	112	268.5	17.3	1	37.5	988	27
Wyffels	W7578RIB	STX,B	113	268.1	16.9	1	36.6	990	25
Stone	6468RIB	STX,B	114	268.0	15.9	1	36.6	998	21
Wyffels	W6898RIB	STX,B	112	267.4	16.6	1	38.4	990	26
Stone	6188RIB	STX,B	111	266.8	16.8	1	36.6	986	28
NuTech/G2 Gen	5FN-2213	OI	113	266.4	16.7	1	37.5	985	29
Pfister	71C1PCR	PC,B	111	265.6	16.8	1	37.5	982	31
Pioneer	P1366AMXT GC	AMXT,B	113	264.9	16.0	1	34.8	985	30
Pioneer	P1197AMXT CK	AMXT,B	111	268.9	16.2	1	36.6	999	18

Averages = **266.5** **16.9** **2** **37.0** **984**

LSD (0.10) = 12.1 0.3 3

LSD (0.25) = 6.4 0.2 2

C.V. = 4.3 Prev. years average yield, 215.9 bu/a, 6 yrs

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

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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
Dekalb	DKC60-87RIB GC	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	H5524SS	STX	HC	105					
Hefty	H5624SS	STX	HC	106					
Hefty	H5922VT2P	VT2P	HC	109					
Hefty	H6024SS	STX,B	HC	110					
Lewis	08SS739	STX,B	AC,P5V	108					
Lewis	10DP719	VT2P,B	AC,P2	110					
Lewis	10DP747	VT2P,B	AC,P5V	110					
Lewis	R1511SS	STX,B	AC,P5V	111					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
NK Brand	NK0821-3120A-EZR	3120,A,B	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,ln	106					
Pfister	68A1PE	PC,E	CM,C5,Vi,ln	108					
Pfister	69E2SSR	STX,B	CM,C5,Vi,ln	109					
Pfister	69H1PE	PC,E	CM,C5,Vi,ln	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					
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					
Titan Pro	82-09 2P	VT2P,B	AC,P2	109					
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
Dekalb	DKC64-34RIB GC	STX,B	AC,P5V	114	Stone	6188RIB	STX,B	AC,P5V	111
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114	Stone	6368RIB	STX,B	AC,P5V	113
Dyna-Gro	D52SS63	STX	AC,P5V	112	Stone	6468RIB	STX,B	AC,P5V	114
Dyna-Gro	D54VC52	VT2P	AC,P5V	114	Stone	6628RIB	STX,B	AC,P5V	116
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112	Titan Pro	82-14 2P	VT2P,B	AC,P2	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W6898RIB	STX,B	AC,P5V	112
FS InVISION	FS 64RL0 EZR	3120,B	CM,C2,Vi	114	Wyffels	W6956	VT2P	AC,P5V	111
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Wyffels	W7578RIB	STX,B	AC,P5V	113
Golden Harvest	G12W66-3122-EZR	3122,B	AVC,C5,Vi	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
Golden Harvest	G13T41-3010	3010	AVC,C5,Vi	113					
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	H6214SSRIB	STX,B	HC	112					
Hefty	H6223	VT2P,DG	HC	112					
Hefty	HCEXP11322	VT2P	HC	112					
Lewis	11SS768	STX,B	AC,P5V	111					
Lewis	14SS857	STX,B	AC,P5V	114					
Lewis	15SS899	STX,B	AC,P5V	115					
Lewis	R1414SS	STX,B	AC,P5V	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	LG62C02VT2PRO	VT2P	AC,P5V	112					
NK Brand	NK1284-3122-EZR	3122,B	AVC,C5,Vi	112					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
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,ln	113					
Pfister	71C1PCR	PC,B	CM,C5,Vi,ln	111					
Pfister	72C6SSR	STX,B	CM,C5,Vi,ln	112					
Pfister	74D2PE	PC,E	CM,C5,Vi,ln	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					
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.