

## 2016 Corn Grain Top 30 Harvest Report

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



PREV. CROP/HERB: Soybean / Roundup, Valor, 2,4-D, Fusilade, Roundup  
SOIL DESCRIPTION: Ipava/Tama silty clay loam, mod. well drained, non-irrigated  
SOIL CONDITION: Strip-till, moderate P, moderate K, 6.5 pH, 3% OM  
PEST MANAGEMENT: Harness Xtra, Roundup WeatherMax, Bellum, atrazine, Tebu-Crop, Force on non-GMO only  
FERTILITY - Applied N: 13 Fall, 114 Spring, 33 Planter, 40 Sidedress  
Applied N-P-K (units): 200-189-192  
SEEDING - RATE - ROW: May 15 38,700 /A 30" spacing  
HARVESTED - STAND: Sep 27 37,100 /A

**Early-Season Test**  
**105 - 110 Day CRM**  
B2016ILWC01a

**Top 30 of 56**

For Gross Income (Sorted by Yield)

Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Heart	HT-7001VT3P	VT3P,B	110	<b>234.6</b>	17.1	19	37.3	720	1
NuTech/G2 Gen	5F-308^	AM,B	108	<b>229.9</b>	16.1	0	37.8	711	2
Renk	RK810SSTX	STX,B	110	<b>226.1</b>	15.9	0	37.3	700	3
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	<b>225.7</b>	16.2	3	36.3	697	4
Wyffels	W6946DGRIB	VT2P,DG,B	111	<b>223.3</b>	16.5	8	36.3	688	6
Becks	6076SX	STX,B	110	<b>222.7</b>	15.9	0	37.3	690	5
Pioneer	P0993HR GC	HX,RR2	109	<b>221.0</b>	16.2	10	37.3	683	7
Channel	209-53STXRIB GC	STX,B	109	<b>220.9</b>	16.2	0	36.8	683	8
Titan Pro	TP 58-10 SS	STX,B	110	<b>220.6</b>	15.9	4	37.8	683	9
ProHarvest	8074Stax	STX	110	219.9	15.9	5	37.8	681	11
Dekalb	DKC60-67RIB GC	STX,B	110	219.8	15.7	13	37.3	682	10
Dekalb	DKC58-06RIB GC	STX,B	108	219.8	16.2	1	37.8	679	12
Wyffels	W6198	STX	109	218.0	16.0	0	36.8	675	13
Great Heart	HT-6912SS	STX,B	109	215.5	16.2	0	37.3	666	15
Becks	5883SX	STX	108	215.0	15.4	11	36.3	669	14
Golden Harvest	G06N80-3111	3111	106	213.9	16.1	17	36.8	661	17
LG Seeds	LG5548STXRIB	STX,B	108	213.4	16.1	7	37.8	660	18
FS InVISION	FS 57TX1	STX	107	213.2	15.1	0	36.3	665	16
<b>Stone</b>	<b>6068RIB</b>	<b>STX,B</b>	<b>110</b>	<b>212.7</b>	<b>16.3</b>	<b>2</b>	<b>37.8</b>	<b>657</b>	<b>21</b>
FS InVISION	FS 60QV1 RIB	VT2P,B	110	212.6	16.0	32	37.8	658	20
Wyffels	W5448RIB	STX,B	108	211.8	15.7	1	37.3	657	22
Steyer	11005GENSSRIB	STX,B	110	211.2	15.8	0	37.3	655	24
Titan Pro	TP 59-08 SS	STX,B	108	211.0	15.3	4	37.3	657	23
FS InVISION	FS 60LX1	STX	110	210.6	15.5	7	36.8	654	25
LG Seeds	LG5565STXRIB	STX,B	108	208.4	15.5	0	37.8	648	26
Titan Pro	TP 66-10 2P	VT2P,B	110	208.3	15.5	35	36.8	647	28
Augusta	A1108VT2ProRIB	VT2P,B	108	208.1	15.5	38	37.3	647	29
Renk	RK791SSTX	STX,B	108	207.6	15.0	1	35.8	648	27
ProHarvest	6705Stax	STX	107	206.5	15.3	20	36.8	643	31
Viking	73-07N	None	107	199.8	14.5	2	36.3	659	19
Pioneer	P1197AMXT CK	AMXT,B	111	208.5	16.1	21	37.8	645	30

Averages = **205.8** **15.8** **12** **37.1** **639**

LSD (0.10) = 14.5 0.4 16

LSD (0.25) = 10.1 0.3 11

C.V. = 6.0 Prev. years average yield, 204.2 bu/a, 4 yrs

Eric Beyers

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.12; non-GMO = \$3.30

**Test Comments:** Dave said that a mid-July storm with straight-line winds caused the plant green snapping and root lodging observed in the trials. The lodging ratings shown reflect this damage plus some stalk lodging. Disease pressure was moderately high despite receiving an application of fungicide. Ear and kernel development was very good. Plant heights ranged from 9-12 feet.

† 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: 9/29/2016 Revised:

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SOIL DESCRIPTION: Ipava/Tama silty clay loam, mod. well drained, non-irrigated  
SOIL CONDITION: Strip-till, moderate P, moderate K, 6.5 pH, 3% OM  
PEST MANAGEMENT: Harness Xtra, Roundup WeatherMax, Bellum, atrazine, Tebu-Crop, Force on non-GMO only  
FERTILITY - Applied N: 13 Fall, 114 Spring, 33 Planter, 40 Sidedress  
Applied N-P-K (units): 200-189-192  
SEEDED - RATE - ROW: May 15 38,700 /A 30" spacing  
HARVESTED - STAND: Sep 27 37,500 /A

**Full-Season Test**  
**111 - 114 Day CRM**  
B2016ILWC01b

**Top 30 of 64**

For Gross Income (Sorted by Yield)

Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wyffels	W7696RIB	VT2P,B	113	<b>256.1</b>	17.7	1	37.8	782	1
<b>Stone</b>	<b>6458RIB</b>	<b>STX,B</b>	<b>114</b>	<b>249.6</b>	<b>17.6</b>	<b>7</b>	<b>37.8</b>	<b>763</b>	<b>2</b>
ProHarvest	8312Stax	STX	113	<b>245.1</b>	17.9	3	37.8	747	4
<b>Stone</b>	<b>6368RIB</b>	<b>STX,B</b>	<b>113</b>	<b>244.9</b>	<b>17.6</b>	<b>4</b>	<b>37.8</b>	<b>748</b>	<b>3</b>
Renk	RK935SSTX	STX,B	114	<b>240.8</b>	18.2	7	37.8	732	5
Augusta	A5664GT3000	3000GT	114	<b>239.4</b>	19.1	0	37.3	722	11
FS InVISION	FS 64SX1 RIB	STX,B	114	239.2	18.2	1	37.3	727	8
LG Seeds	LG5643STX	STX	114	238.9	17.9	0	37.3	728	7
Steyer	11504GENSSRIB	STX,B	115	238.2	17.8	4	37.3	727	9
Titan Pro	TP 68-14 SS	STX	114	237.8	18.8	0	38.3	719	13
Great Heart	HT-7134DGV2P	VT2P,DG	111	237.6	17.1	2	37.3	729	6
LG Seeds	LG5650STX	STX	114	236.3	18.9	0	37.8	714	17
Dekalb	DKC64-87RIB GC	STX,B	114	235.8	17.7	0	37.8	720	12
Dekalb	DKC62-97RIB GC	VT3P,B	112	235.5	16.7	0	35.3	725	10
Steyer	11305GENSSRIB	STX,B	113	234.8	17.4	0	37.8	718	14
Wyffels	W7888RIB	STX,B	114	233.7	17.4	0	36.8	715	16
Great Heart	HT-7240SSRIB	STX,B	112	233.5	17.8	0	37.8	712	18
Renk	RK871VT2P	VT2P,B	111	232.9	16.9	2	36.8	716	15
Titan Pro	TP 57-13 SS	STX,B	113	232.8	17.7	0	37.3	711	19
Steyer	11208VT3PRO RIB	VT3P,B	112	231.8	17.1	8	36.8	711	20
Steyer	11409VT2PRO	VT2P	114	231.1	17.0	13	36.8	709	22
NuTech/G2 Gen	5F-311^	AM,AQ,B	111	230.9	17.1	1	37.8	708	24
FS InVISION	FS 61SX1 RIB	STX,B	111	230.8	16.8	0	37.3	710	21
Great Heart	HT-7181SS	STX	111	230.7	16.9	4	36.8	709	23
Great Lakes	6261STXRIB	STX,B	112	230.2	16.8	0	37.8	708	25
FS InVISION	FS 63ZX1 RIB	STX,B	113	229.4	18.1	0	37.3	698	28
Dyna-Gro	D52SS91	STX	112	229.0	17.9	0	37.3	698	29
Titan Pro	TP 56-14 2P	VT2P,B	114	228.9	17.2	2	37.3	702	26
Renk	RK941SSTX	STX,B	114	228.9	17.3	0	37.3	701	27
Dekalb	DKC63-71RIB GC	STX,B	113	226.4	16.5	10	37.3	698	30
Pioneer	P1197AMXT CK	AMXT,B	111	216.7	16.6	7	37.8	667	51
Averages =				<b>226.3</b>	<b>17.4</b>	<b>3</b>	<b>37.5</b>	<b>692</b>	
LSD (0.10) =				13.0	0.6	7			
LSD (0.25) =				9.1	0.4	5			
C.V. =				4.9	Prev. years average yield, 204.2 bu/a, 4 yrs				

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.12; non-GMO = \$3.30

**Test Comments:** Dave said that a mid-July storm with straight-line winds caused the plant green snapping and root lodging observed in the trials. The lodging ratings shown reflect this damage plus some stalk lodging. Disease pressure was moderately high despite receiving an application of fungicide. Ear and kernel development was very good. Plant heights ranged from 9-12 feet.

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**Early-Season Test Products (56 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108	Stone	6068RIB	STX,B	AC,P5V	110
Becks	5828AMX^	AMX,AQ,B	Es	110	Titan Pro	TP 56-06 3110	3110	CM,C2	106
Becks	5883SX	STX	Es	108	Titan Pro	TP 58-10 SS	STX,B	AC,P5V	110
Becks	6076SX	STX,B	Es	110	Titan Pro	TP 59-08 SS	STX,B	AC,P5V	108
Channel	209-53STXRIB GC	STX,B	AC,P5V	109	Titan Pro	TP 66-10 2P	VT2P,B	AC,P2	110
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Viking	49-09N	None	CM,C2	109
Dairyland	DS-9508RA	STX,B	CM,C2	108	Viking	73-07N	None	CM,C2	107
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108	Wyffels	W4968RIB	STX,B	AC,P5V	107
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Wyffels	W5448RIB	STX,B	AC,P5V	108
FS InVISION	FS 57TX1	STX	AC,P5V	107	Wyffels	W6198	STX	AC,P5V	109
FS InVISION	FS 58QX1 RIB	STX,B	AC,P5V	108	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
FS InVISION	FS 60LX1	STX	AC,P5V	110					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
Golden Harvest	G06N80-3111	3111	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G09E98-3122	3122,B	AVC,C5,Vi	109					
Golden Harvest	G10T63-3000GT	3000GT	AVC,C5,Vi	110					
Great Heart	HT-6912SS	STX,B	AC,P5V	109					
Great Heart	HT-7001VT3P	VT3P,B	AC,P5V	110					
Great Lakes	5824STXRIB	STX,B	AC,P5V	108					
Great Lakes	5944STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5520STX	STX	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NuTech	X5V-0707	3111	AVC,C2,Vi	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5Z-1001^	OI	MQ,P1V,R	110					
Pfister	2545RASS	STX,B	CM,C5,Vi,In	107					
Pfister	68A1VX	HXT,RR2	CM,C5,Vi,In	108					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pioneer	P0506AM GC	AM,AQ,B	MQ,C2	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V	108					
Pioneer	P0993HR GC	HX,RR2	MQ,C2	109					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
ProHarvest	6705Stax	STX	AC,P5V	107					
ProHarvest	8074Stax	STX	AC,P5V	110					
Renk	RK791SSTX	STX,B	AC,P5V	108					
Renk	RK792SSTX	STX	AC,P5V	108					
Renk	RK794DGV2P	VT2P,DG,B	AC,P2	108					
Renk	RK810SSTX	STX,B	AC,P5V	110					
Steyer	10806GENSSRIB	STX,B	CM,C2	108					
Steyer	11005GENSSRIB	STX,B	CM,C2	110					

**Full-Season Test Products (64 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5664GT3000	3000GT	CM,C1	114	Renk	RK815SSTX	STX	AC,P5V	111
Becks	6165AMX^	AMX,B	Es	111	Renk	RK871VT2P	VT2P,B	AC,P2	111
Becks	6365AMX^	AMX,B	Es	113	Renk	RK935SSTX	STX,B	AC,P5V	114
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112	Renk	RK941SSTX	STX,B	AC,P5V	114
Dairyland	DS-9513	STX	CM,C1,Vi,In	113	Steyer	11208VT3PRO RIB	VT3P,B	AC,P5V	112
Dairyland	DS-9911	STX	CM,C5,Vi,In	111	Steyer	11305GENSSRIB	STX,B	CM,C2	113
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112	Steyer	11409VT2PRO	VT2P	CM,C2	114
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5V	112	Steyer	11504GENSSRIB	STX,B	CM,C2	115
Dekalb	DKC63-71RIB GC	STX,B	AC,P5V	113	Stone	6288RIB	STX,B	AC,P5V	112
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114	Stone	6368RIB	STX,B	AC,P5V	113
Dyna-Gro	D51SS54	STX	AC,P5V	111	Stone	6458RIB	STX,B	AC,P5V	114
Dyna-Gro	D52SS56	STX	AC,P5V	112	Titan Pro	TP 55-11 2P	VT2P,B	AC,P2	111
Dyna-Gro	D52SS91	STX	AC,P5V	112	Titan Pro	TP 56-14 2P	VT2P,B	AC,P2	114
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111	Titan Pro	TP 57-13 SS	STX,B	AC,P5V	113
FS InVISION	FS 62VX1	STX	AC,P5V	112	Titan Pro	TP 68-14 SS	STX	AC,P5V	114
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113	Wyffels	W7108RIB	STX,B	AC,P5V	111
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112	Wyffels	W7888RIB	STX,B	AC,P5V	114
Golden Harvest	G14R38-3122	3122,B	AVC,C5,Vi	114					
Great Heart	HT-7134DGV2P	VT2P,DG	AC,P5V	111					
Great Heart	HT-7181SS	STX	AC,P5V	111					
Great Heart	HT-7240SSRIB	STX,B	AC,P5V	112					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Lakes	6185STXRIB	STX,B	AC,P5V	111					
Great Lakes	6261STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
NK Brand	N68K-3111A	3111,A	AVC,C5,Vi	111					
NK Brand	N74R-3122	3122	AVC,C5,Vi	114					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-311^	AM,AQ,B	MQ,P5V,R	111					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	5F-811^	AM,B	MQ,P5V,R	111					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pioneer	P1197AM GC	AM,B	MQ,C2,R	111					
Pioneer	P1197AMXT CK	AMXT,B	MQ,P1V	111					
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V,R	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
ProHarvest	8244Stax	STX	AC,P5V	112					
ProHarvest	8312Stax	STX	AC,P5V	113					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
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)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
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)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

\* The refuge component genetics may vary in a refuge blend seed product.

### Corn Seed Treatments\*\*

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

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