

2016 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] FLORA
Kent Warren, Clay County, IL 62824



Test by: 3rd Party Comparisons, LLC, Owaneco, IL

PREV. CROP/HERB: Soybean / Roundup, Flexstar
SOIL DESCRIPTION: Hoyleton-Cisne silty clay loam, poor drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 7 pH, 2.8% OM
PEST MANAGEMENT: 15 lb sulfur, Acuron, Aatrex
FERTILITY - Applied N: 176 Spring
Applied N-P-K (units): 176-115-150
SEEDING - RATE - ROW: Jun 8 32,000 /A 30" spacing
HARVESTED - STAND: Oct 17 30,000 /A

Early-Season Test
107 - 112 Day CRM
B2016ILSO26a

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
Dekalb	DKC62-08RIB GC	STX,B	112	143.3	14.6	39	29.9	486	1
LG Seeds	LG5548STXRIB	STX,B	108	142.6	14.9	62	29.9	483	2
Pioneer	P0825AMXT GC	AMXT,B	108	138.0	14.7	66	30.4	468	3
Wyffels	W7456RIB	VT2P,B	112	137.8	15.4	51	30.9	466	4
Steyer	10904VT2PRO	VT2P	109	135.4	14.9	12	28.4	459	5
Seed Consultants	SC 11AQ17	3000GT	111	132.9	14.6	62	29.9	451	6
LG Seeds	LG5618STXRIB	STX,B	112	132.6	14.4	3	30.9	450	7
Stone	6288RIB	STX,B	112	130.6	14.6	50	30.4	443	8
Golden Harvest	G12W66-3000GT	3000GT	112	130.5	14.7	60	28.4	442	9
Wyffels	W7506DGRIB	VT2P,DG,B	112	129.3	14.4	16	30.9	438	10
NK Brand	N70J-3111A	3111,A	112	128.5	14.7	57	29.4	436	11
Dairyland	DS-9412RA	STX,B	112	128.2	14.3	17	31.9	435	12
Steyer	11208VT2PRIB	VT2P,B	112	127.9	14.4	17	29.9	434	13
Pfister	69B1VX	HXT,RR2	109	124.7	14.2	7	30.4	423	14
Pfister	3366RASS	STX,B	112	124.3	14.6	18	30.9	421	15
FS InVISION	FS 57TX1	STX	107	123.1	14.3	17	29.9	417	16
Golden Harvest	G11F16-3111A	3111,A	111	122.3	15.0	74	29.4	415	17
FS InVISION	FS 61SV1 RIB	VT2P,B	111	120.0	15.5	73	29.9	405	19
Seed Consultants	SC 11AQ15	3000GT	112	119.9	14.9	50	28.9	406	18
Golden Harvest	G10S30-3220	3220,B	110	117.6	14.4	68	29.9	399	20
Golden Harvest	G07B39-3111A	3111,A	109	116.6	15.1	75	29.9	395	21
NuTech	X5V-0707	3111	107	115.8	14.6	70	30.4	393	22
Augusta	A1108VT2ProRIB	VT2P,B	108	115.7	14.5	38	29.9	392	23
Dyna-Gro	D50VC43	VT2P	110	115.2	14.6	44	29.4	391	24
Renk	RK877DGV2P	VT2P,DG,B	111	114.2	14.5	50	28.9	387	26
Stone	DG6152RIB	VT2P,DG,B	111	113.8	15.0	54	30.4	386	27
Dyna-Gro	D52VC91	VT2P	112	113.4	14.4	49	30.4	384	28
Dekalb	DKC60-67RIB GC	STX,B	110	112.9	15.1	45	27.9	382	29
Steyer	10805VT2PRORIB	VT2P,B	108	112.8	14.7	53	28.9	382	30
Seed Consultants	SC 10AQ96	3000GT	109	112.1	14.5	25	29.9	380	31
Pioneer	P1257AMXT CK	AMXT,B	112	114.4	14.0	16	29.4	388	25
Averages =				115.8	14.6	41	30.0	392	
LSD (0.10) =				14.1	0.5	24			
LSD (0.25) =				9.8	0.3	17			
C.V. =				10.4					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072									Prev. years average yield, 148.1 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.39; non-GMO = \$3.99

Test Comments: *Kent commented about the wet weather produced an abundance of disease that rotted corn roots, which in turn forced plants to cannibalize stalks. Poor corn standability, a major issue in this area, was the result of disease, not storms. Test yields, suffered from excess rain, were similar to area yields. Lodging severity required one direction harvesting. Plant height was from 8-10'. Grain size small to me*

† 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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SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 7 pH, 2.8% OM
PEST MANAGEMENT: 15 lb sulfur, Acuron, Aatrex
FERTILITY - Applied N: 176 Spring
Applied N-P-K (units): 176-115-150
SEEDING - RATE - ROW: Jun 8 32,000 /A 30" spacing
HARVESTED - STAND: Oct 17 30,400 /A

Full-Season Test
113 - 116 Day CRM
B2016ILSO26b

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
Stone	6368RIB	STX,B	113	156.0	14.9	33	30.4	529	1
Renk	RK935SSTX	STX,B	114	152.1	15.6	48	29.4	513	2
Stone	6712RIB	VT2P,B	117	145.5	16.0	51	30.4	490	3
Golden Harvest	G18D87-3000GT	3000GT	118	145.0	16.5	77	30.9	486	6
LG Seeds	LG5650STX	STX	114	144.6	15.2	7	30.9	489	4
Pfister	2770RASS	STX,B	113	143.7	14.6	9	31.4	487	5
Seed Consultants	SCS 1136YHR	OI	113	143.4	15.3	34	30.4	485	7
Great Heart	HT-7381VT2PRIB	VT2P,B	113	142.9	15.0	34	29.9	484	8
Pioneer	P1417AMX GC	AMX,B	114	142.6	15.0	38	30.4	483	9
Becks	6365AM^	AM,B	113	142.2	14.6	32	30.4	482	10
Dekalb	DKC64-87RIB GC	STX,B	114	142.1	14.7	35	30.4	482	11
NuTech/G2 Gen	5F-015^	AM,B	115	140.6	15.0	30	31.4	477	12
Golden Harvest	G16K01-3111	3111	116	140.5	14.4	32	28.4	476	13
Wyffels	W7888RIB	STX,B	114	140.0	14.4	6	31.4	475	14
Pfister	3488HR	HX,RR2	115	138.9	14.6	18	30.4	471	15
ProHarvest	8404VT2PRIB	VT2P,B	114	138.5	15.1	36	29.9	469	16
NK Brand	N78S-3111	3111	116	138.2	14.4	37	30.9	468	17
Dyna-Gro	D54VC52	VT2P	114	137.6	14.8	35	29.9	466	18
NuTech/G2 Gen	5F-713^	AM,B	113	136.5	14.4	23	31.4	463	19
Armor	1500Pro2	VT2P	115	136.1	14.8	22	29.9	461	20
Armor	1330Pro2	VT2P	113	135.9	14.8	43	27.4	461	21
FS InVISION	FS 64SX1 RIB	STX,B	114	135.7	14.7	25	30.4	460	22
Augusta	A5063VT2Pro	VT2P	113	135.1	14.9	27	30.9	458	23
Sun Prairie	SP2899VT2Pro	VT2P,B	114	134.5	14.9	32	30.4	456	24
Wyffels	W8918	STX	116	133.4	15.0	11	31.4	452	25
NuTech/G2 Gen	X5Z-1509^	OI	115	133.4	15.3	69	30.4	451	27
Steyer	11410GENSS	STX	114	133.2	14.8	24	30.4	452	26
LG Seeds	LG5663VT2PRIB	VT2P,B	115	132.3	15.2	31	30.9	448	28
Pioneer	P1311AMXT GC	AMXT,B	113	130.7	14.9	64	30.9	443	29
FS InVISION	FS 66ZV1	VT2P	116	130.3	15.0	29	29.4	442	30
Pioneer	P1257AMXT CK	AMXT,B	112	127.3	14.1	12	30.9	432	31

Averages = **128.8** **14.8** **29** **30.4** **436**

LSD (0.10) = 12.2 0.4 20

LSD (0.25) = 8.5 0.3 14

C.V. = 8.1

Prev. years average yield, 148.1 bu/a, 17 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.39; non-GMO = \$3.39

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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	Seed Consultants SCS	1094YHR	OI	MQ,P5V,R	109
Becks	5828AM^	AM,AQ,B	Es	110	Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108
Becks	6076V2P	VT2P,B	Es	110	Steyer	10904VT2PRO	VT2P	CM,C2	109
Becks	6158AM^	AM,B	Es	111	Steyer	11104VT2PRO	VT2P	AC,P5V	111
Becks	6225HR^	HX,RR2	Es	112	Steyer	11208VT2PRIB	VT2P,B	CM,C2	112
Dairyland	DS-9110	STX	CM,C1,Vi,In	110	Stone	6288RIB	STX,B	AC,P5V	112
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112	Stone	DG6152RIB	VT2P,DG,B	AC,P5V	111
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112	Wyffels	W7108RIB	STX,B	AC,P5V	111
Dyna-Gro	D50VC43	VT2P	AC,P5V	110	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	Wyffels	W7506DGRIB	VT2P,DG,B	AC,P2	112
FS InVISION	FS 57TX1	STX	AC,P5V	107					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SV1 RIB	VT2P,B	AC,P2	111					
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	AC,P2	112					
Golden Harvest	G07B39-3111A	3111,A	AVC,C2,Vi	109					
Golden Harvest	G10S30-3220	3220,B	AVC,C5,Vi	110					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Great Heart	HT-6912SS	STX,B	AC,P5V	109					
Great Heart	HT-7134DGV2P	VT2P,DG	AC,P5V	111					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	N70J-3111A	3111,A	AVC,C5,Vi	112					
NuTech	5N-410	3000GT	MQ,P5V,R	110					
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	3366RASS	STX,B	CM,C5,Vi,In	112					
Pfister	69B1VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	70A1SSR	STX	CM,C1,Vi,In	110					
Pfister	71C1VX	HXT,RR2	CM,C1,Vi,In	111					
Pioneer	P0825AMXT GC	AMXT,B	MQ,P1V	108					
Pioneer	P1197AMXT GC	AMXT,B	MQ,P1V	111					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
ProHarvest	8074Stax	STX	AC,P5V	110					
ProHarvest	8244Stax	STX	AC,P5V	112					
Renk	RK815SSTX	STX	AC,P5V	111					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Seed Consultants SC	10AQ96	3000GT	MQ,P5V,R	109					
Seed Consultants SC	11AQ15	3000GT	MQ,P5V,R	112					
Seed Consultants SC	11AQ17	3000GT	AVC,C5,Vi	111					

2016 Corn Grain - Illinois South [ILSO]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	1330Pro2	VT2P	AC,P5V	113	Steyer	11408VT2PRORIB	VT2P,B	CM,C2	114
Armor	1414PDG	VT2P,DG	AC,P5V	114	Steyer	11410GENSS	STX	CM,C2	114
Armor	1500Pro2	VT2P	AC,P2	115	Steyer	11506VT2PRORIB	VT2P,B	CM,C2	115
Augusta	A5063VT2Pro	VT2P	AC,P5V	113	Stone	6368RIB	STX,B	AC,P5V	113
Augusta	A5664GT3000	3000GT	CM,C1	114	Stone	6712RIB	VT2P,B	AC,P5V	117
Becks	6365AM^	AM,B	Es	113	Sun Prairie	SP2899VT2Pro	VT2P,B	AC,P5V	114
Becks	6589V2P	VT2P,B	Es	115	Sun Prairie	SPX4907VT2Pro	VT2P	AC,P5V	115
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113	Wyffels	W7696RIB	VT2P,B	AC,P2	113
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dekalb	DKC66-40RIB GC	STX,B	AC,P5V	116	Wyffels	W8268	STX	AC,P5V	116
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114	Wyffels	W8918	STX	AC,P5V	116
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113					
FS InVISION	FS 64SX1 RIB	STX,B	AC,P5V	114					
FS InVISION	FS 66ZV1	VT2P	AC,P5V	116					
Golden Harvest	G14R38-3122	3122,B	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Golden Harvest	G18D87-3000GT	3000GT	AVC,C5,Vi	118					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
LG Seeds	LG5643STX	STX	AC,P5V	114					
LG Seeds	LG5650STX	STX	AC,P5V	114					
LG Seeds	LG5663VT2PRIB	VT2P,B	AC,P5V	115					
NK Brand	N78S-3111	3111	AVC,C5,Vi	116					
NuTech	5N-914	3000GT	MQ,P5V,R	114					
NuTech/G2 Gen	5F-015^	AM,B	MQ,P5V	115					
NuTech/G2 Gen	5F-515^	AM,B	MQ,P5V,R	115					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5Z-1509^	OI	MQ,P1V,R	115					
Pfister	2770RASS	STX,B	CM,C5,Vi,In	113					
Pfister	3488HR	HX,RR2	CM,C5,Vi,In	115					
Pfister	73A2SS	STX	CM,C1,Vi,In	113					
Pfister	73C1VX	HXT,RR2	CM,C1,Vi,In	113					
Pioneer	P1257AMXT CK	AMXT,B	MQ,P1V	112					
Pioneer	P1311AMXT GC	AMXT,B	MQ,P1V,R	113					
Pioneer	P1417AMX GC	AMX,B	MQ,P1V	114					
ProHarvest	8404VT2PRIB	VT2P,B	AC,P2	114					
ProHarvest	8455-3000GT	3000GT	CM,C2	114					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK935SSTX	STX,B	AC,P5V	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961SSTX	STX	AC,P5V	116					
Seed Consultants	SC 11AGT43	GT/CB/LL	MQ,P1V	114					
Seed Consultants	SCS 1136YHR	OI	MQ,P1V,R	113					
Seed Consultants	SCS 11HR63	HX,RR2	MQ,C2	115					
Steyer	11306VT2PRORIB	VT2P,B	CM,C2	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.