

2016 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] VANDALIA
Ronnie Sloan, Fayette County, IL 62557



PREV. CROP/HERB: Soybean / Cobra, Select Max
SOIL DESCRIPTION: Virden silty clay loam, moderately drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, mod. high P, mod. high K, 6.2 pH, 3.1% OM
PEST MANAGEMENT: simazine, Roundup PowerMax, Headline Amp, Impact
FERTILITY - Applied N: 171 Fall, 60 Foliar
Applied N-P-K (units): 231-56-90
SEEDING - RATE - ROW: Jun 3 34,000 /A 30" spacing
HARVESTED - STAND: Nov 13 32,100 /A

Early-Season Test
107 - 112 Day CRM
B2016ILSO21a

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
Golden Harvest	G12W66-3000GT	3000GT	112	186.6	14.2	2	33.4	633	1
Dekalb	DKC62-08RIB GC	STX,B	112	185.8	14.2	0	33.4	630	2
Seed Consultants	SC 11AQ17	3000GT	111	180.6	14.3	2	32.4	612	3
LG Seeds	LG5618STXRIB	STX,B	112	180.0	14.4	0	33.9	610	4
ProHarvest	8074Stax	STX	110	177.8	14.2	2	33.4	603	5
Pfister	69B1VX	HXT,RR2	109	177.3	14.1	4	33.4	601	6
FS InVISION	FS 57TX1	STX	107	176.1	14.2	21	32.4	597	7
NuTech/G2 Gen	5F-308^	AM,B	108	174.9	14.1	15	32.9	593	8
Becks	5828AM^	AM,AQ,B	110	174.4	14.0	2	31.9	591	9
Wyffels	W7108RIB	STX,B	111	174.2	14.1	12	32.9	591	10
Steyer	11104VT2PRO	VT2P	111	173.4	14.1	26	31.9	588	11
Seed Consultants	SCS 1094YHR	OI	109	173.0	14.3	1	31.9	586	12
Golden Harvest	G07B39-3111A	3111,A	109	171.2	14.0	33	33.4	580	13
FS InVISION	FS 61SV1 RIB	VT2P,B	111	171.0	14.3	30	30.9	580	14
Wyffels	W7506DGRIB	VT2P,DG,B	112	170.8	14.0	5	32.9	579	15
NK Brand	N70J-3111A	3111,A	112	170.8	14.3	6	30.9	579	16
Great Heart	HT-7134DGV2P	VT2P,DG	111	170.4	14.1	15	32.4	578	17
Golden Harvest	G11F16-3111A	3111,A	111	170.0	14.1	19	31.4	576	18
Pioneer	P1197AMXT GC	AMXT,B	111	169.9	13.9	0	31.9	576	19
NuTech/G2 Gen	5F-710^	AM,B	110	169.2	13.8	5	33.9	574	20
LG Seeds	LG5548STXRIB	STX,B	108	168.8	14.3	52	32.4	572	21
Steyer	10904VT2PRO	VT2P	109	168.6	14.2	3	29.4	572	22
ProHarvest	8244Stax	STX	112	168.3	14.3	7	30.4	571	23
Becks	6225HR^	HX,RR2	112	168.1	14.7	23	32.4	570	24
Wyffels	W7456RIB	VT2P,B	112	168.0	14.2	11	31.9	570	25
Dekalb	DKC60-67RIB GC	STX,B	110	167.7	14.2	1	32.4	569	26
Steyer	11208VT2PRIB	VT2P,B	112	167.3	14.1	2	31.9	567	27
Pfister	3366RASS	STX,B	112	167.0	14.3	5	31.4	566	28
Augusta	A1108VT2ProRIB	VT2P,B	108	166.5	14.1	23	31.4	564	29
Dyna-Gro	D50VC43	VT2P	110	166.1	14.2	12	31.4	563	30
Pioneer	P1257AMXT CK	AMXT,B	112	159.2	14.2	21	31.4	540	49
Averages =				166.6	14.1	12	32.1	565	
LSD (0.10) =				10.3	0.3	14			
LSD (0.25) =				7.2	0.2	10			
C.V. =				5.3					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072									Prev. years average yield, 152.4 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

Test Comments: Ronnie stated that earlier planted corn on this farm yielded 212 bushel/acre. Spring rains delayed planting of the trials (June 3rd). Seedling emergence was very good. The growing season experienced abundant rains which allowed for good yields along with diseases - root rot, stalk rot, & leaf blights. Lodging scores reflect mostly stalks & roots. Ear development & kernel quality were very good.

† 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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PEST MANAGEMENT: simazine, Roundup PowerMax, Headline Amp, Impact
FERTILITY - Applied N: 171 Fall, 60 Foliar
Applied N-P-K (units): 231-56-90
SEEDING - RATE - ROW: Jun 3 34,000 /A 30" spacing
HARVESTED - STAND: Nov 13 32,100 /A

Full-Season Test
113 - 116 Day CRM
B2016ILSO21b

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	DKC64-87RIB GC	STX,B	114	199.3	14.3	6	33.4	676	1
Stone	6368RIB	STX,B	113	189.0	14.3	35	33.4	641	2
Renk	RK935SSTX	STX,B	114	185.2	14.6	14	32.4	628	3
Wyffels	W7888RIB	STX,B	114	184.4	14.5	4	32.9	625	4
NuTech/G2 Gen	5F-015^	AM,B	115	183.0	14.5	39	32.4	620	5
LG Seeds	LG5650STX	STX	114	182.2	14.5	3	31.9	618	6
Dyna-Gro	D54VC52	VT2P	114	181.9	14.5	6	32.9	617	7
Dekalb	DKC63-60RIB GC	STX,B	113	181.4	14.3	8	32.4	615	8
Armor	1500Pro2	VT2P	115	181.1	14.5	9	30.4	614	9
Sun Prairie	SP2899VT2Pro	VT2P,B	114	180.5	14.5	7	31.9	612	10
NuTech/G2 Gen	5F-713^	AM,B	113	179.4	14.3	35	31.4	608	11
Armor	1330Pro2	VT2P	113	179.0	14.3	7	29.4	607	12
ProHarvest	8455-3000GT	3000GT	114	179.0	14.4	9	31.9	607	13
Augusta	A5063VT2Pro	VT2P	113	178.2	14.5	5	29.9	604	14
Wyffels	W7696RIB	VT2P,B	113	177.5	14.1	34	31.4	602	15
Pfister	2770RASS	STX,B	113	177.2	14.3	22	32.9	601	16
Pfister	3488HR	HX,RR2	115	175.7	14.1	2	33.4	596	17
Great Heart	HT-7381VT2PRIB	VT2P,B	113	175.4	14.4	12	32.9	595	18
ProHarvest	8404VT2PRIB	VT2P,B	114	175.4	14.4	19	29.9	595	19
Wyffels	W8918	STX	116	174.5	14.5	22	31.4	592	20
Golden Harvest	G18D87-3000GT	3000GT	118	174.1	15.6	73	32.4	588	22
LG Seeds	LG5643STX	STX	114	173.9	14.1	3	33.4	590	21
Seed Consultants	SCS 1136YHR	OI	113	172.9	14.4	23	31.4	586	23
LG Seeds	LG5663VT2PRIB	VT2P,B	115	172.5	14.5	10	33.4	585	24
Becks	6365AM^	AM,B	113	171.9	14.3	17	33.4	583	25
Dekalb	DKC66-40RIB GC	STX,B	116	171.5	13.9	8	33.4	581	26
Steyer	11408VT2PRORIB	VT2P,B	114	171.0	14.5	13	30.9	580	27
FS InVISION	FS 64SX1 RIB	STX,B	114	168.6	14.2	21	33.4	572	28
NuTech	5N-914	3000GT	114	167.3	14.2	3	31.4	567	29
Augusta	A5664GT3000	3000GT	114	166.8	14.3	4	31.4	565	30
Pioneer	P1257AMXT CK	AMXT,B	112	148.5	13.9	26	30.4	503	54
Averages =				168.6	14.4	21	32.1	571	
LSD (0.10) =				11.5	0.4	15			
LSD (0.25) =				8.1	0.3	10			
C.V. =				5.8					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072									Prev. years average yield, 152.4 bu/a, 17 yrs

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2016 Corn Grain - Illinois South [ILSO]



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.