

2016 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Early-Season Test

107 - 112 Day CRM

B2016ILSOa

Top 30 of 56

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Belleville	Flora	Salem	Vandalia	
				Bu/A ↓	%	%	\$/A	Rank					
Golden Harvest	G12W66-3000GT	3000GT	112	149.5	14.6	24	507	1	166.4	104.9	130.5	159.0	186.6
Steyer	10904VT2PRO	VT2P	109	148.3	14.7	12	503	2	168.0	108.3	135.4	161.4	168.6
Seed Consultants	SC 11AQ17	3000GT	111	147.8	14.6	26	501	3	162.8	109.5	132.9	153.4	180.6
LG Seeds	LG5548STXRIB	STX,B	108	145.4	14.8	47	493	4	168.3	106.3	142.6	141.2	168.8
LG Seeds	LG5618STXRIB	STX,B	112	144.0	14.6	5	488	5	151.8	105.3	132.6	150.5	180.0
Dekalb	DKC62-08RIB GC	STX,B	112	143.4	14.5	21	486	6	98.7	126.4	143.3	163.0	185.8
NK Brand	N70J-3111A	3111,A	112	143.4	14.6	22	486	7	165.8	99.8	128.5	152.1	170.8
Pioneer	P0825AMXT GC	AMXT,B	108	142.1	14.2	26	482	8	167.9	98.6	138.0	145.3	160.7
Wyffels	W7456RIB	VT2P,B	112	141.4	14.8	25	479	9	139.8	91.9	137.8	169.4	168.0
Dyna-Gro	D50VC43	VT2P	110	140.6	14.5	22	477	10	165.5	98.9	115.2	157.3	166.1
Steyer	11208VT2PRIB	VT2P,B	112	139.4	14.6	14	473	11	161.8	91.2	127.9	148.6	167.3
FS InVISION	FS 57TX1	STX	107	139.1	14.5	13	472	12	155.6	97.8	123.1	143.1	176.1
Wyffels	W7506DGRIB	VT2P,DG,B	112	138.5	14.4	20	470	13	153.3	95.3	129.3	143.7	170.8
FS InVISION	FS 61SV1 RIB	VT2P,B	111	138.5	14.8	46	470	14	163.1	100.3	120.0	138.0	171.0
Stone	6288RIB	STX,B	112	138.1	14.5	33	468	15	161.8	87.4	130.6	145.2	165.4
Stone	DG6152RIB	VT2P,DG,B	111	137.5	14.6	27	466	16	156.5	98.6	113.8	154.3	164.3
Golden Harvest	G07B39-3111A	3111,A	109	137.4	14.6	54	466	17	144.5	98.2	116.6	156.5	171.2
NuTech	X5V-0707	3111	107	137.1	14.3	24	465	18	164.9	91.3	115.8	152.6	161.0
NuTech/G2 Gen	5F-308^	AM,B	108	137.0	14.5	19	464	19	169.2	94.3	106.7	140.0	174.9
Golden Harvest	G11F16-3111A	3111,A	111	137.0	14.5	31	464	20	160.5	93.2	122.3	139.1	170.0
Pioneer	P1197AMXT GC	AMXT,B	111	136.9	14.1	8	464	21	167.7	89.2	107.6	150.3	169.9
Dairyland	DS-9412RA	STX,B	112	136.9	14.4	9	464	22	147.6	92.1	128.2	152.8	163.6
ProHarvest	8074Stax	STX	110	136.7	14.4	14	463	23	164.7	88.1	107.9	145.1	177.8
Augusta	A1108VT2ProRIB	VT2P,B	108	136.6	14.5	23	463	24	158.2	91.6	115.7	150.9	166.5
Seed Consultants	SC 11AQ15	3000GT	112	135.9	14.7	20	461	25	156.4	94.0	119.9	146.5	162.5
Pfister	69B1VX	HXT,RR2	109	135.8	14.3	11	460	26	128.2	89.6	124.7	159.4	177.3
Golden Harvest	G10S30-3220	3220,B	110	135.5	14.3	33	459	27	155.0	98.1	117.6	142.4	164.4
Pfister	3366RASS	STX,B	112	133.8	14.6	11	454	28	127.6	95.7	124.3	154.5	167.0
Steyer	10805VT2PRORIB	VT2P,B	108	133.2	14.5	24	452	29	158.5	89.2	112.8	139.8	165.5
Dekalb	DKC60-67RIB GC	STX,B	110	131.9	14.6	19	447	31	146.5	91.6	112.9	140.6	167.7
Pioneer	P1257AMXT CK	AMXT,B	112	132.3	14.2	15	448	30	155.7	94.3	114.4	137.9	159.2

Test severely lodged - no harvest results

Averages =	132.7	14.5	23	450	149.9	87.8	115.8	143.4	166.6
LSD (0.10) =	9.7	0.2	14		16.0	11.1	14.1	11.4	10.3
LSD (0.25) =	6.8	0.1	10		11.2	7.8	9.8	7.9	7.2

Previous years average yield for region, 155.4 bu/a, 19 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.39 GMO; \$3.39 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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Report Date: 11/14/2016

Revised:

2016 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Full-Season Test
111 - 114 Day CRM

B2016ILSOB

Top 30 of 56
For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Belleville	Du Quoin	Flora	Greenville	Salem	Vandalia
Stone	6368RIB	STX,B	113	158.9	14.7	18	539	1	188.3	100.9	156.0		160.4	189.0
Renk	RK935SSTX	STX,B	114	157.5	15.0	24	534	2	174.9	119.8	152.1		155.5	185.2
Dekalb	DKC64-87RIB GC	STX,B	114	156.0	14.6	13	529	3	173.6	108.5	142.1		155.5	199.3
Wyffels	W7888RIB	STX,B	114	147.7	14.7	5	501	4	165.4	99.8	140.0		148.7	184.4
NuTech/G2 Gen	5F-713^	AM,B	113	147.4	14.5	24	500	5	178.3	88.8	136.5		154.1	179.4
LG Seeds	LG5650STX	STX	114	147.2	15.0	6	499	6	168.9	89.2	144.6		151.3	182.2
Pfister	2770RASS	STX,B	113	147.1	14.8	16	499	7	164.9	100.6	143.7		149.1	177.2
Seed Consultants	SCS 1136YHR	OI	113	147.0	14.9	19	498	8	186.0	85.2	143.4		147.6	172.9
Armor	1330Pro2	VT2P	113	146.9	14.7	23	498	9	161.8	95.4	135.9		162.2	179.0
NuTech/G2 Gen	5F-015^	AM,B	115	146.8	14.9	22	498	10	167.1	92.8	140.6		150.3	183.0
Golden Harvest	G18D87-3000GT	3000GT	118	146.2	16.1	59	492	13	160.9	113.4	145.0		137.6	174.1
Pfister	3488HR	HX,RR2	115	145.8	14.6	5	494	11	165.1	95.0	138.9		154.3	175.7
Becks	6365AM^	AM,B	113	145.6	14.5	18	494	12	167.6	98.3	142.2		148.0	171.9
Wyffels	W8918	STX	116	144.5	14.8	15	490	14	162.7	101.1	133.4		150.8	174.5
Armor	1500Pro2	VT2P	115	143.4	14.8	19	486	15	154.7	89.8	136.1		155.5	181.1
ProHarvest	8404VT2PRIB	VT2P,B	114	143.4	14.9	22	486	16	148.7	90.2	138.5		164.0	175.4
Wyffels	W7696RIB	VT2P,B	113	142.5	14.5	29	483	17	173.7	87.2	126.4		147.5	177.5
Sun Prairie	SP2899VT2Pro	VT2P,B	114	142.2	14.9	19	482	18	139.1	91.2	134.5		165.5	180.5
Great Heart	HT-7381VT2PRIB	VT2P,B	113	142.1	14.9	22	482	19	150.7	83.6	142.9		157.9	175.4
Dyna-Gro	D54VC52	VT2P	114	142.1	14.8	26	482	20	152.7	79.7	137.6		158.6	181.9
NK Brand	N78S-3111	3111	116	141.9	14.5	27	481	21	163.5	92.6	138.2		154.2	160.8
Golden Harvest	G16K01-3111	3111	116	141.4	14.5	22	479	22	153.6	90.7	140.5		155.7	166.4
Pioneer	P1417AMX GC	AMX,B	114	141.4	14.8	28	479	23	170.0	86.2	142.6		143.6	164.4
FS InVISION	FS 64SX1 RIB	STX,B	114	141.1	14.7	17	478	24	181.9	76.3	135.7		143.1	168.6
Steyer	11410GENSS	STX	114	140.5	14.8	13	476	25	158.3	102.0	133.2		142.7	166.3
Augusta	A5063VT2Pro	VT2P	113	139.9	14.8	19	474	26	148.1	75.0	135.1		163.0	178.2
ProHarvest	8455-3000GT	3000GT	114	139.7	14.8	10	474	27	179.0	85.6	103.7		151.0	179.0
LG Seeds	LG5663VT2PRIB	VT2P,B	115	139.5	14.9	20	473	28	151.8	82.5	132.3		158.4	172.5
LG Seeds	LG5643STX	STX	114	138.9	14.6	9	471	29	169.2	83.9	121.7		145.9	173.9
Augusta	A5664GT3000	3000GT	114	138.2	14.8	6	468	30	175.5	84.1	120.7		144.1	166.8
Pioneer	P1257AMXT CK	AMXT,B	112	130.2	14.1	13	441	43	163.8	83.5	127.3		127.8	148.5

Test severely lodged - no harvest results

Averages =	137.8	14.7	21	467	160.6	86.0	128.8	145.0	168.6
LSD (0.10) =	9.9	0.3	12		14.9	13.1	12.2	14.9	11.5
LSD (0.25) =	6.9	0.2	8		10.4	9.1	8.5	10.4	8.1

Previous years average yield for region, 155.4 bu/a, 19 yrs

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

2016 Corn Grain - Illinois South [ILSO]



Early-Season Test Products (56 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108
Becks	5828AM^	AM,AQ,B	Es	110
Becks	6076V2P	VT2P,B	Es	110
Becks	6158AM^	AM,B	Es	111
Becks	6225HR^	HX,RR2	Es	112
Dairyland	DS-9110	STX	CM,C1,Vi,In	110
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110
Dekalb	DKC62-08RIB GC	STX,B	ACHD,P5V	112
Dyna-Gro	D50VC43	VT2P	AC,P5V	110
Dyna-Gro	D52VC91	VT2P	AC,P5V	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

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
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
Seed Consultants	SCS 1094YHR	OI	MQ,P5V,R	109
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108
Steyer	10904VT2PRO	VT2P	CM,C2	109
Steyer	11104VT2PRO	VT2P	AC,P5V	111
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112
Stone	6288RIB	STX,B	AC,P5V	112
Stone	DG6152RIB	VT2P,DG,B	AC,P5V	111
Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
Wyffels	W7108RIB	STX,B	AC,P5V	111
Wyffels	W7456RIB	VT2P,B	AC,P2	112
Wyffels	W7506DGRIB	VT2P,DG,B	AC,P2	112

2016 Corn Grain - Illinois South [ILSO]



Full-Season Test Products (56 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Armor	1330Pro2	VT2P	AC,P5V	113
Armor	1414PDG	VT2P,DG	AC,P5V	114
Armor	1500Pro2	VT2P	AC,P2	115
Augusta	A5063VT2Pro	VT2P	AC,P5V	113
Augusta	A5664GT3000	3000GT	CM,C1	114
Becks	6365AM [^]	AM,B	Es	113
Becks	6589V2P	VT2P,B	Es	115
Dekalb	DKC63-60RIB GC	STX,B	AC,P5V	113
Dekalb	DKC64-87RIB GC	STX,B	ACHD,P5V	114
Dekalb	DKC66-40RIB GC	STX,B	AC,P5V	116
Dyna-Gro	D54DC94	VT2P,DG	AC,P5V	114
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,ln	113
Pfister	3488HR	HX,RR2	CM,C5,Vi,ln	115
Pfister	73A2SS	STX	CM,C1,Vi,ln	113
Pfister	73C1VX	HXT,RR2	CM,C1,Vi,ln	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

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
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
Steyer	11408VT2PRORIB	VT2P,B	CM,C2	114
Steyer	11410GENSS	STX	CM,C2	114
Steyer	11506VT2PRORIB	VT2P,B	CM,C2	115
Stone	6368RIB	STX,B	AC,P5V	113
Stone	6712RIB	VT2P,B	AC,P5V	117
Sun Prairie	SP2899VT2Pro	VT2P,B	AC,P5V	114
Sun Prairie	SPX4907VT2Pro	VT2P	AC,P5V	115
Wyffels	W7696RIB	VT2P,B	AC,P2	113
Wyffels	W7888RIB	STX,B	AC,P5V	114
Wyffels	W8268	STX	AC,P5V	116
Wyffels	W8918	STX	AC,P5V	116

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. VPMmax® 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®, VPMmax® 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®TRIssect (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 Boreer	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	CE	Cruiser Extreme®	M	Maxim XL®
A	Allegiance®	CM	CruiserMaxx® Corn	MQ	Maxim Quattro®
AC	Acceleron® fungicide products	D	Dynasty®	None	untreated
ACHD	Acceleron® fungicide products	Es	Escalate®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
At	Actellic®	In	Intego™ Solo	R	Raxil®
AVC	Avicta® Complete Corn	L	Lorsban®	V	Votivo®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Lu	Lumivia™	Vi	Vibrance®

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