

2016 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE

John (Don) Barttelbort, St. Clair County, IL 62224



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

PREV. CROP/HERB: Soybean / Boundary, Sharpen, Heldsafe, Flexstar
 SOIL DESCRIPTION: Muscatine silt loam, mod. poor drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Roundup, 2,4-D, Princep, Aatrex, 2,4-D, Atrazine, Acuron, Trivapros
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Jun 2 37,800 /A 30" spacing
 HARVESTED - STAND: Nov 2 36,300 /A

Early-Season Test

107 - 112 Day CRM

B2016ILSO23a

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
NuTech/G2 Gen	5F-308^	AM,B	108	169.2	14.3	10	36.8	574	1
LG Seeds	LG5548STXRIB	STX,B	108	168.3	14.6	24	36.3	571	2
Steyer	10904VT2PRO	VT2P	109	168.0	14.7	18	36.3	570	3
Pioneer	P0825AMXT GC	AMXT,B	108	167.9	14.1	28	35.3	569	4
Pioneer	P1197AMXT GC	AMXT,B	111	167.7	14.1	23	36.3	569	5
Golden Harvest	G12W66-3000GT	3000GT	112	166.4	14.6	54	36.8	564	6
NK Brand	N70J-3111A	3111,A	112	165.8	14.5	35	36.3	562	7
Dyna-Gro	D50VC43	VT2P	110	165.5	14.4	31	37.8	561	8
NuTech	X5V-0707	3111	107	164.9	14.4	38	36.8	559	9
ProHarvest	8074Stax	STX	110	164.7	14.4	11	36.3	558	10
FS InVISION	FS 61SV1 RIB	VT2P,B	111	163.1	14.5	37	35.8	553	11
Seed Consultants	SC 11AQ17	3000GT	111	162.8	14.5	53	35.3	552	12
Stone	6288RIB	STX,B	112	161.8	14.6	27	37.8	549	13
Steyer	11208VT2PRIB	VT2P,B	112	161.8	14.8	28	36.8	549	14
Golden Harvest	G11F16-3111A	3111,A	111	160.5	14.3	29	36.3	544	15
Steyer	10805VT2PRORIB	VT2P,B	108	158.5	14.4	28	34.8	537	16
Augusta	A1108VT2ProRIB	VT2P,B	108	158.2	14.5	37	35.8	536	17
Seed Consultants	SC 10AQ96	3000GT	109	157.1	14.3	15	36.3	533	18
Stone	DG6152RIB	VT2P,DG,B	111	156.5	14.4	23	36.3	531	19
Seed Consultants	SC 11AQ15	3000GT	112	156.4	14.6	27	36.8	530	20
FS InVISION	FS 57TX1	STX	107	155.6	14.5	10	34.4	527	22
Golden Harvest	G10S30-3220	3220,B	110	155.0	14.2	36	35.8	525	23
Becks	6225HR^	HX,RR2	112	154.8	14.8	51	36.3	525	24
Wyffels	W7108RIB	STX,B	111	154.1	14.3	20	36.8	522	25
Wyffels	W7506DGRIB	VT2P,DG,B	112	153.3	14.5	14	37.3	520	26
Great Heart	HT-7134DGVT2P	VT2P,DG	111	151.9	14.2	31	36.3	515	27
LG Seeds	LG5618STXRIB	STX,B	112	151.8	14.5	21	37.3	515	28
Great Heart	HT-6912SS	STX,B	109	149.8	14.4	8	36.8	508	29
Becks	5828AM^	AM,AQ,B	110	149.6	14.6	47	35.8	507	30
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	149.0	14.2	19	35.8	505	31
Pioneer	P1257AMXT CK	AMXT,B	112	155.7	14.0	22	36.3	528	21
Averages =				149.9	14.4	30	36.3	508	
LSD (0.10) =				16.0	0.2	19			
LSD (0.25) =				11.2	0.1	13			
C.V. =				9.1					
Eric Beyers ewbeye@hotmail.com, (217) 825-9072									Prev. years average yield, 188.6 bu/a, 14 yrs

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

Test Comments: John mentioned that rains were abundant throughout the season. He mentioned that green snapping was common in certain area fields. The test had a good amount of greensnap, root rot and stalk rot. Harvest was a slow one direction process. Plant height is estimated at 8-10 feet (lodged badly). Ear development was good. Kernel depth was short on some hybrids. Seed quality was 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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Report Date: 11/03/2016 Revised:

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 SOIL CONDITION: Minimum w/o fall till, mod. high P, mod. high K, 6.5 pH, 3.5% OM
 PEST MANAGEMENT: Roundup, 2,4-D, Princep, Aatrex, 2,4-D, Atrazine, Acuron, Trivapros
 FERTILITY - Applied N: 190 Spring
 Applied N-P-K (units): 190-0-0
 SEEDING - RATE - ROW: Jun 2 37,800 /A 30" spacing
 HARVESTED - STAND: Nov 2 36,500 /A

Full-Season Test

113 - 116 Day CRM

B2016ILSO23b

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	188.3	14.6	15	37.8	638	1
Seed Consultants	SCS 1136YHR	OI	113	186.0	14.7	18	37.3	631	2
FS InVISION	FS 64SX1 RIB	STX,B	114	181.9	14.6	19	36.8	617	3
ProHarvest	8455-3000GT	3000GT	114	179.0	14.6	3	37.3	607	4
Dekalb	DKC66-40RIB GC	STX,B	116	178.9	14.3	18	36.8	606	5
NuTech/G2 Gen	5F-713^	AM,B	113	178.3	14.5	30	36.3	604	6
Augusta	A5664GT3000	3000GT	114	175.5	14.7	5	36.8	595	7
Renk	RK935SSTX	STX,B	114	174.9	14.6	25	37.8	593	8
Wyffels	W7696RIB	VT2P,B	113	173.7	14.5	26	36.3	589	9
Dekalb	DKC64-87RIB GC	STX,B	114	173.6	14.5	7	37.8	589	10
Renk	RK961SSTX	STX	116	172.8	14.4	9	36.3	586	11
Steyer	11506VT2PRORIB	VT2P,B	115	170.8	14.4	6	36.8	579	12
Armor	1414PDG	VT2P,DG	114	170.6	14.5	51	37.8	578	13
Pioneer	P1417AMX GC	AMX,B	114	170.0	14.7	54	37.8	576	14
LG Seeds	LG5643STX	STX	114	169.2	14.5	12	37.8	574	15
LG Seeds	LG5650STX	STX	114	168.9	14.7	19	37.3	573	16
Renk	RK924DGV2P	VT2P,DG,B	114	167.7	14.4	40	35.8	569	17
Becks	6365AM^	AM,B	113	167.6	14.4	30	35.3	568	18
NuTech/G2 Gen	5F-015^	AM,B	115	167.1	14.6	27	37.3	566	19
NuTech	5N-914	3000GT	114	165.4	14.7	9	36.8	561	20
Wyffels	W7888RIB	STX,B	114	165.4	14.5	15	37.8	561	21
Pfister	3488HR	HX,RR2	115	165.1	14.5	2	37.8	560	22
Sun Prairie	SPX4907VT2Pro	VT2P	115	165.0	14.5	22	37.3	559	23
Pfister	2770RASS	STX,B	113	164.9	14.7	25	36.3	559	24
Golden Harvest	G14R38-3122	3122,B	114	164.0	14.8	6	37.3	556	25
NK Brand	N78S-3111	3111	116	163.5	14.3	46	36.3	554	27
Wyffels	W8918	STX	116	162.7	14.6	36	37.3	552	28
Armor	1330Pro2	VT2P	113	161.8	14.5	32	35.8	549	29
Golden Harvest	G18D87-3000GT	3000GT	118	160.9	15.3	52	36.8	544	30
Dyna-Gro	D54DC94	VT2P,DG	114	158.8	14.4	50	36.8	538	31
Pioneer	P1257AMXT CK	AMXT,B	112	163.8	14.1	23	36.8	555	26

Averages = **160.6** **14.6** **29** **36.5** **544**

LSD (0.10) = 14.9 0.2 17

LSD (0.25) = 10.4 0.1 12

C.V. = 7.9 Prev. years average yield, 188.6 bu/a, 14 yrs

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

Test Comments: John mentioned that rains were abundant throughout the season. He mentioned that green snapping was common in certain area fields. The test had a good amount of greensnap, root rot and stalk rot. Harvest was a slow one direction process. Plant height is estimated at 8-10 feet (lodged badly). Ear development was good. Kernel depth was short on some hybrids. Seed quality was 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 exceeded the grain moisture limit for this test. **ns** = column values not significantly different

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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					

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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.