

2016 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM
Tom Beyers, Marion County, IL 62870



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

PREV. CROP/HERB: Soybean / Roundup, Flexstar
SOIL DESCRIPTION: Hoyleton/Darmstadt silt loam, mod. poor drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, mod. high P, mod. high K, 6.9 pH, 1.9% OM
PEST MANAGEMENT: Princep, Aatrex, Halex GT
FERTILITY - Applied N: 194 Spring
Applied N-P-K (units): 194-92-0
SEEDING - RATE - ROW: Jun 9 32,000 /A 30" spacing
HARVESTED - STAND: Oct 30 31,400 /A

Early-Season Test
107 - 112 Day CRM
B2016ILSO24a

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
Wyffels	W7456RIB	VT2P,B	112	169.4	15.1	13	31.4	574	1
Dekalb	DKC62-08RIB GC	STX,B	112	163.0	14.9	1	31.4	553	2
Steyer	10904VT2PRO	VT2P	109	161.4	15.2	9	30.9	546	3
Pfister	69B1VX	HXT,RR2	109	159.4	14.5	0	31.9	540	4
Golden Harvest	G12W66-3000GT	3000GT	112	159.0	15.0	0	31.4	539	5
Dyna-Gro	D50VC43	VT2P	110	157.3	14.6	7	30.9	533	6
Golden Harvest	G07B39-3111A	3111,A	109	156.5	14.8	37	31.4	531	7
Pfister	3366RASS	STX,B	112	154.5	14.7	0	31.4	524	8
Stone	DG6152RIB	VT2P,DG,B	111	154.3	14.6	9	31.9	523	9
ProHarvest	8244Stax	STX	112	154.2	14.8	1	31.4	523	10
Seed Consultants	SC 11AQ17	3000GT	111	153.4	14.8	1	30.4	520	11
Dairyland	DS-9412RA	STX,B	112	152.8	14.8	2	31.9	518	12
NuTech	X5V-0707	3111	107	152.6	14.3	1	31.9	517	13
FS InVISION	FS 60QV1 RIB	VT2P,B	110	152.2	14.6	4	30.9	516	14
NK Brand	N70J-3111A	3111,A	112	152.1	14.9	0	31.9	516	15
Augusta	A1108VT2ProRIB	VT2P,B	108	150.9	14.6	1	31.4	512	16
LG Seeds	LG5618STXRIB	STX,B	112	150.5	14.8	1	31.4	510	17
Pioneer	P1197AMXT GC	AMXT,B	111	150.3	14.4	0	31.9	510	18
Steyer	11208VT2PRIB	VT2P,B	112	148.6	14.7	0	30.9	504	19
Dyna-Gro	D52VC91	VT2P	112	146.8	14.6	1	31.9	498	20
Seed Consultants	SC 11AQ15	3000GT	112	146.5	14.8	1	30.9	497	21
Pioneer	P0825AMXT GC	AMXT,B	108	145.3	14.2	1	31.9	493	22
Stone	6288RIB	STX,B	112	145.2	14.6	14	31.9	492	23
ProHarvest	8074Stax	STX	110	145.1	14.6	3	31.4	492	24
Great Heart	HT-6912SS	STX,B	109	144.7	14.5	0	31.4	491	25
Wyffels	W7506DGRIB	VT2P,DG,B	112	143.7	14.3	0	31.4	487	26
Steyer	11104VT2PRO	VT2P	111	143.5	14.6	8	30.9	486	27
FS InVISION	FS 57TX1	STX	107	143.1	14.7	7	31.9	485	28
Golden Harvest	G10S30-3220	3220,B	110	142.4	14.4	5	31.9	483	29
NuTech/G2 Gen	X5Z-1001^	OI	110	142.3	14.7	4	31.4	482	30
Pioneer	P1257AMXT CK	AMXT,B	112	137.9	14.3	6	31.9	467	43

Averages = **143.4** **14.6** **6** **31.4** **486**

LSD (0.10) = 11.4 0.2 10

LSD (0.25) = 7.9 0.1 7

Eric Beyers

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C.V. = 6.8 Prev. years average yield, 137.9 bu/a, 13 yrs

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

Test Comments: Tom said that a few of his corn fields had stalks lodged within the row, the same direction as the row. Slowing the combine was his only remedy, giving cornhead gathering chains time to pull lodged plants into the combine. Both tests had similar lodging. In the spring, this conventional tillage site had excellent seedling emergence. Plant heights ranged from 9-11'. 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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PEST MANAGEMENT: Princep, Aatrex, Halex GT
FERTILITY - Applied N: 194 Spring
Applied N-P-K (units): 194-92-0
SEEDING - RATE - ROW: Jun 9 32,000 /A 30" spacing
HARVESTED - STAND: Oct 30 31,500 /A

Full-Season Test
113 - 116 Day CRM
B2016ILSO24b

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
Sun Prairie	SP2899VT2Pro	VT2P,B	114	165.5	15.3	10	30.4	560	1
ProHarvest	8404VT2PRIB	VT2P,B	114	164.0	15.2	3	31.9	555	2
Augusta	A5063VT2Pro	VT2P	113	163.0	14.9	4	31.4	553	3
Armor	1330Pro2	VT2P	113	162.2	14.9	1	31.9	550	4
Stone	6368RIB	STX,B	113	160.4	15.1	4	31.9	543	5
Dyna-Gro	D54VC52	VT2P	114	158.6	15.0	14	30.4	538	6
LG Seeds	LG5663VT2PRIB	VT2P,B	115	158.4	15.0	10	31.4	537	7
Great Heart	HT-7381VT2PRIB	VT2P,B	113	157.9	15.2	10	31.9	534	8
Dekalb	DKC64-87RIB GC	STX,B	114	156.5	14.9	0	31.9	531	9
Golden Harvest	G16K01-3111	3111	116	155.7	14.8	1	30.9	528	10
Armor	1500Pro2	VT2P	115	155.5	15.1	4	31.4	527	11
Renk	RK935SSTX	STX,B	114	155.5	15.4	29	31.4	526	12
Pfister	3488HR	HX,RR2	115	154.3	15.3	1	30.9	522	14
NK Brand	N78S-3111	3111	116	154.2	14.9	10	31.4	523	13
NuTech/G2 Gen	5F-713^	AM,B	113	154.1	14.8	1	31.9	522	15
NuTech/G2 Gen	X5Z-1509^	OI	115	152.6	15.8	11	31.9	514	16
LG Seeds	LG5650STX	STX	114	151.3	15.2	1	31.4	512	17
ProHarvest	8455-3000GT	3000GT	114	151.0	15.1	1	31.9	512	18
Wyffels	W8918	STX	116	150.8	15.2	1	31.4	510	19
FS InVISION	FS 66ZV1	VT2P	116	150.6	15.2	7	30.4	510	20
NuTech/G2 Gen	5F-015^	AM,B	115	150.3	15.3	0	31.4	508	21
Pfister	2770RASS	STX,B	113	149.1	15.4	22	31.9	504	22
Wyffels	W7888RIB	STX,B	114	148.7	15.0	1	31.4	504	23
Becks	6365AM^	AM,B	113	148.0	14.9	0	31.4	502	24
Seed Consultants	SCS 1136YHR	OI	113	147.6	15.3	7	31.9	499	26
Wyffels	W7696RIB	VT2P,B	113	147.5	14.5	5	31.9	500	25
LG Seeds	LG5643STX	STX	114	145.9	14.9	0	31.4	495	27
Pfister	73A2SS	STX	113	145.5	15.2	2	31.9	493	28
Augusta	A5664GT3000	3000GT	114	144.1	15.2	1	31.9	488	29
Pfister	73C1VX	HXT,RR2	113	143.6	14.6	1	31.4	487	30
Pioneer	P1257AMXT CK	AMXT,B	112	127.8	14.3	0	31.4	433	51

Averages = **145.0** **15.1** **7** **31.5** **491**

LSD (0.10) = 14.9 0.3 13

LSD (0.25) = 10.4 0.2 9

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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.