

2017 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, poor drained, non-irrigated
SOIL CONDITION: Conventional w/ fall till, low P, medium K, 7.2 pH, 1.7% OM, 8.8 CEC
PEST MANAGEMENT: Princep, atrazine, Halex GT
FERTILITY - Applied N: 18 Fall, 150 Spring
Applied N-P-K (units): 168-92-0
SEEDING - RATE - ROW: Apr 25 28,800 /A 30" spacing
HARVESTED - STAND: Oct 8 25,700 /A

Early-Season Test
107 - 112 Day CRM
B2017ILSO22a

Top 30 of 48

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	W7576	VT2P	112	124.7	18.7	0	24.9	380	1
Dyna-Gro	D52VC63	VT2P	112	124.3	19.4	0	25.9	377	3
Sun Prairie	SP2785GSS	STX	112	124.1	18.6	0	28.4	379	2
Renk	RK842SSTX	STX	112	119.5	18.4	0	26.4	365	4
Great Heart	HT-7026VT2P	VT2P	110	119.0	19.2	0	26.9	361	5
LG Seeds	LG5606STX	STX	111	115.8	18.7	0	26.4	353	6
Renk	RK871VT2P	VT2P,B	111	114.5	17.9	0	25.4	351	7
Wyffels	W6946DGRIB	VT2P,DG,B	111	113.6	17.9	0	27.9	348	8
NuTech/G2 Gen	X5FN-0909^	OI	109	108.6	17.7	0	27.4	334	9
NK Brand	NK1103-3111A	3111,A	111	102.2	19.1	0	24.4	310	11
Renk	RK859DGV2P	VT2P,DG	112	101.7	17.7	0	26.9	312	10
Dairyland	DS-9412SSX	STX	112	99.8	18.7	0	27.9	304	12
Pfister	72C6SS	STX	112	99.0	19.0	0	27.4	301	13
Wyffels	W6898	STX	112	97.5	18.4	0	25.4	298	14
Dyna-Gro	D50VC30	VT2P	110	97.2	18.2	0	26.4	297	15
Wyffels	W7456RIB	VT2P,B	112	97.2	20.5	0	24.4	292	18
Great Heart	HT-6912SSRIB	STX,B	109	96.4	18.8	0	26.4	294	16
Great Heart	HT-7181SSRIB	STX,B	111	96.4	18.9	0	26.4	293	17
LG Seeds	LG5618STXRIB	STX,B	112	95.1	19.6	0	27.9	288	19
Renk	RK877DGV2P	VT2P,DG,B	111	94.5	18.7	0	23.4	288	20
Golden Harvest	G07B39-3111A	3111,A	109	89.9	18.4	0	21.9	275	21
Dekalb	DKC56-45RIB GC	STX,B	106	89.5	18.5	0	24.9	273	22
Stone	6182RIB	VT2P,B	111	88.5	19.4	0	26.4	268	25
Augusta	A4658GT3110	3110	108	88.3	17.6	0	23.4	272	23
Pioneer	P0506AM GC	AM,AQ,B	105	86.9	16.4	0	25.9	270	24
Dekalb	DKC60-67RIB GC	STX,B	110	86.7	18.4	0	24.9	265	26
Golden Harvest	G10T63-3000GT	3000GT	110	85.6	19.4	0	24.9	259	27
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	112	85.3	21.3	0	27.4	254	29
LG Seeds	LG5590VT2P	VT2P	110	82.1	18.6	0	27.4	250	30
Dekalb	DKC60-87RIB GC	STX,B	110	81.9	18.5	0	23.9	250	31
Pioneer	P1197AMXT CK	AMXT,B	111	83.2	17.6	0	23.4	256	28

Averages = **86.7** **18.6** **0** **25.7** **264**

LSD (0.10) = 15.9 0.3 ns

Eric Beyers LSD (0.25) = 8.3 0.2 ns

ewbeye@hotmail.com, (217) 825-9072 C.V. = 20.0 Prev. years average yield, 136.3 bu/a, 14 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.14; non-GMO = \$3.14

Test Comments: Tom said this plot received 8" of rain within hours after planting. Both of us were surprised by how good the final stand was. Monthly rainfall totals are: May 1.5", June 0.5", July 3", and August 1.5". The low yield level is partly due to 96 degree heat during pollination. Some hybrids had no ear development. Yields were variable, but hybrids with better yield displayed good tolerance to high stress.

† 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, atrazine, Halex GT
FERTILITY - Applied N: 18 Fall, 150 Spring
Applied N-P-K (units): 168-92-0
SEEDING - RATE - ROW: Apr 25 28,800 /A 30" spacing
HARVESTED - STAND: Oct 8 26,600 /A

Full-Season Test
113 - 117 Day CRM
B2017ILSO22b

Top 30 of 48

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
Dyna-Gro	D55VC45	VT2P	115	117.1	20.4	0	28.4	352	1
Dekalb	DKC64-34RIB GC	STX,B	114	113.9	19.9	0	27.4	344	2
Dairyland	DS-7513	PC	113	113.1	22.8	0	28.4	333	5
LG Seeds	LG5650VT2PRIB	VT2P,B	115	112.6	20.1	0	28.4	339	3
FS InVISION	FS 66TX1 RIB	STX,B	116	112.4	20.4	0	26.9	338	4
Stone	6712RIB	VT2P,B	117	110.4	20.9	0	27.9	330	6
Great Heart	HT-7486SS	STX	114	105.4	20.2	0	27.4	317	8
Great Heart	HT-7302VT2P	VT2P	113	105.1	21.3	0	27.4	313	10
Wyffels	W7696RIB	VT2P,B	113	105.0	19.6	0	27.4	318	7
Golden Harvest	G13M88-3110	3110	113	103.5	19.4	0	25.4	314	9
Dairyland	DS-9314SSX	STX	114	102.6	20.3	0	26.9	309	11
Great Heart	HT-7381VT2PRIB	VT2P,B	113	100.7	20.6	0	26.4	302	12
Wyffels	W7888RIB	STX,B	114	97.3	19.7	0	27.9	294	13
LG Seeds	LG5643VT2PRIB	VT2P,B	114	96.4	20.2	0	28.9	290	14
Wyffels	W8268RIB	STX,B	116	95.6	20.2	0	25.9	288	15
Sun Prairie	SPX7855GSS	STX	113	92.2	19.2	0	26.4	280	16
Dyna-Gro	D54VC52	VT2P	114	90.2	20.7	0	22.9	270	17
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	90.1	20.6	0	27.9	270	18
Stone	6362RIB	VT2P,B	113	87.5	20.4	0	27.4	263	19
NuTech/G2 Gen	X5FN-1307^	OI	113	85.5	19.3	0	25.4	259	21
FS InVISION	FS 63ZX1 RIB	STX,B	113	84.4	19.4	0	28.4	256	22
Golden Harvest	G16K01-3111	3111	116	83.8	22.5	0	20.4	247	23
Pioneer	P1311AM GC	AM,B	113	80.5	18.8	0	23.9	245	24
LG Seeds	LG5663VT2PRIB	VT2P,B	115	80.5	21.1	0	27.4	240	25
Renk	RK924DGV2P	VT2P,DG,B	114	80.5	22.1	0	26.9	238	27
Augusta	A5664GT3000	3000GT	114	80.3	21.4	0	23.4	239	26
Dekalb	DKC64-87RIB GC	STX,B	114	75.3	19.7	0	28.4	228	28
Pfister	2874SSR	STX,B	113	74.3	21.7	0	25.4	221	29
Golden Harvest	G18D87-3111	3111	118	74.2	22.9	0	28.4	218	31
Dekalb	DKC63-33RIB GC	STX,B	113	71.6	18.4	0	26.9	219	30
Pioneer	P1197AMXT CK	AMXT,B	111	84.6	17.6	0	25.4	260	20

Averages = **79.7** **20.5** **0** **26.6** **239**

LSD (0.10) = 15.9 0.2 ns

LSD (0.25) = 8.4 0.1 ns

C.V. = 22.0 Prev. years average yield, 136.3 bu/a, 14 yrs

Eric Beyers

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Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1059GT3111	3111	AVC,C5	109	Wyffels	W6946DGRIB	VT2P,DG,B	AC,P2	111
Augusta	A4658GT3110	3110	CM,C2	108	Wyffels	W7456RIB	VT2P,B	AC,P2	112
Augusta	A5162GT3000	3000GT	AVC,C5	112	Wyffels	W7576	VT2P	AC,P5V	112
Dairyland	DS-9412SSX	STX	CM,C5,Vi,In	112					
Dairyland	DS-9510SSX	STX	CM,C5,Vi,In	110					
Dekalb	DKC56-45RIB GC	STX,B	AC,P5V	106					
Dekalb	DKC60-67RIB GC	STX,B	AC,P5V	110					
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P2	112					
Dyna-Gro	D50VC30	VT2P	AC,P5V	110					
Dyna-Gro	D52VC63	VT2P	AC,P5V	112					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62R44	3000GT	AVC,C5,Vi	112					
Golden Harvest	G07B39-3111A	3111,A	AVC,C5,Vi	109					
Golden Harvest	G09A86-3111	3111	AVC,C5,Vi	109					
Golden Harvest	G10T63-3000GT	3000GT	AVC,C5,Vi	110					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Great Heart	HT-6912SSRIB	STX,B	AC,P5V	109					
Great Heart	HT-7026VT2P	VT2P	AC,P5V	110					
Great Heart	HT-7181SSRIB	STX,B	AC,P5V	111					
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	AC,P5V	112					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
LG Seeds	LG5606STX	STX	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	NK1103-3111A	3111,A	AVC,C5,Vi	111					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
Pfister	68A1RR	RR2	CM,C2	108					
Pfister	69E2SS	STX	CM,C5,Vi,In	109					
Pfister	70A1SSR	STX,B	CM,C5,Vi,In	110					
Pfister	72C6SS	STX	CM,C1,Vi,In	112					
Pioneer	P0506AM GC	AM,AQ,B	MQ,P1V	105					
Pioneer	P0825AMXT GC	AMXT,B	MQ,C2,Lu	108					
Pioneer	P1197AMXT CK	AMXT,B	MQ,C2	111					
Renk	RK842SSTX	STX	AC,P5V	112					
Renk	RK859DGV2P	VT2P,DG	AC,P5V	112					
Renk	RK871VT2P	VT2P,B	AC,P2	111					
Renk	RK877DGV2P	VT2P,DG,B	AC,P2	111					
Stone	6182RIB	VT2P,B	AC,P5V	111					
Sun Prairie	SP2785GSS	STX	AC,P5V	112					
Wyffels	W6898	STX	AC,P5V	112					

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Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A5664GT3000	3000GT	CM,C1	114	Wyffels	W7888RIB	STX,B	AC,P5V	114
Dairyland	DS-7513	PC	CM,C1,Vi,In	113	Wyffels	W8268RIB	STX,B	AC,P5V	116
Dairyland	DS-9314SSX	STX	CM,C5,Vi,In	114	Wyffels	W8646	VT2P	AC,P5V	116
Dekalb	DKC63-33RIB GC	STX,B	AC,P5V	113					
Dekalb	DKC64-34RIB GC	STX,B	AC,P5V	114					
Dekalb	DKC64-87RIB GC	STX,B	AC,P5V	114					
Dyna-Gro	D54VC52	VT2P	AC,P5V	114					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
FS InVISION	FS 63ZX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64R44	3000GT	AVC,C5,Vi	114					
FS InVISION	FS 66TX1 RIB	STX,B	AC,P5V	116					
FS InVISION	FS 66ZV1 RIB	VT2P,B	AC,P2	116					
Golden Harvest	G13M88-3110	3110	AVC,C5,Vi	113					
Golden Harvest	G14V04-3000GT	3000GT	AVC,C5,Vi	114					
Golden Harvest	G16K01-3111	3111	AVC,C5,Vi	116					
Golden Harvest	G18D87-3111	3111	AVC,C5,Vi	118					
Great Heart	HT-7302VT2P	VT2P	AC,P5V	113					
Great Heart	HT-7342SS	STX	AC,P5V	113					
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113					
Great Heart	HT-7486SS	STX	AC,P5V	114					
LG Seeds	LG5643VT2PRIB	VT2P,B	AC,P5V	114					
LG Seeds	LG5650VT2PRIB	VT2P,B	AC,P5V	115					
LG Seeds	LG5663VT2PRIB	VT2P,B	AC,P5V	115					
NK Brand	NK1808-3111	3111	AVC,C5,Vi	118					
NuTech/G2 Gen	5F-713^	AM,B	MQ,P5V,R	113					
NuTech/G2 Gen	X5FN-1306^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1307^	OI	MQ,P1V,R	113					
NuTech/G2 Gen	X5FN-1512^	OI	MQ,P1V,R	115					
Pfister	2874SSR	STX,B	CM,C5,Vi,In	113					
Pfister	3488PCR	PC,B	CM,C5,Vi,In	115					
Pfister	69D3VX	HXT,RR2	CM,C1,Vi,In	109					
Pfister	73A2SSR	STX,B	CM,C5,Vi,In	113					
Pioneer	P1197AMXT CK	AMXT,B	MQ,C2	111					
Pioneer	P1311AM GC	AM,B	MQ,P1V	113					
Pioneer	P1422AM GC	AM,B	MQ,P1V	114					
Renk	RK924DGV2P	VT2P,DG,B	AC,P2	114					
Renk	RK941SSTX	STX,B	AC,P5V	114					
Renk	RK961VT2P	VT2P,B	AC,P2	116					
Renk	RK965SSTX	STX	AC,P5V	116					
Stone	6362RIB	VT2P,B	AC,P5V	113					
Stone	6452RIB	VT2P,B	AC,P5V	114					
Stone	6532RIB	VT2P,B	AC,P5V	115					
Stone	6712RIB	VT2P,B	AC,P5V	117					
Sun Prairie	SPX7855GSS	STX	AC,P5V	113					
Wyffels	W7696RIB	VT2P,B	AC,P2	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. VPMa [®] 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 [®] , VPMa [®] 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)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure [®] Artesian [®]	OIXT	Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready [®] 2 Corn
AMX	Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure [®] Rootworm
AMXT	Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax [®] (VT3P,HXT,RR2,LL)
AQ	Optimum [®] AQUAMax [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

?	information unavailable	In	Intego™ Solo
A	Allegiance [®]	L	Lorsban [®]
AC	Acceleron [®] fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	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	SC	SHIELDCoat™
D	Dynasty [®]	V	Votivo [®]
Es	Escalate [®]	Vi	Vibrance [®]

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