

2017 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] DU QUOIN
Don Polczynski, Perry County, IL 62832



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

PREV. CROP/HERB: Soybean / Gramoxone, Dimetric, Authority Max, Roundup
SOIL DESCRIPTION: Cisne clay loam, mod. poor drained, non-irrigated
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 7.2 pH, 1.8% OM, 10.3 CEC
PEST MANAGEMENT: Acuron
FERTILITY - Applied N: 211 Spring
Applied N-P-K (units): 211-92-0
SEEDING - RATE - ROW: Apr 25 29,000 /A 30" spacing
HARVESTED - STAND: Oct 6 25,900 /A

Early-Season Test

107 - 112 Day CRM
B2017ILSO23a

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	W6946DGRIB	VT2P,DG,B	111	207.3	14.3	0	26.9	651	1
Wyffels	W7576	VT2P	112	205.1	14.7	0	27.9	644	2
Golden Harvest	G10T63-3000GT	3000GT	110	204.8	14.7	0	25.9	643	3
Renk	RK859DGV2P	VT2P,DG	112	202.1	14.3	0	27.4	635	4
Sun Prairie	SP2785GSS	STX	112	199.3	14.8	0	26.9	626	5
Renk	RK842SSTX	STX	112	199.1	14.7	0	27.4	625	6
Pfister	70A1SSR	STX,B	110	198.1	14.3	0	27.4	622	7
Great Heart	HT-7181SSRIB	STX,B	111	195.6	14.6	0	26.4	614	8
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	112	192.2	15.3	0	27.4	602	9
Pfister	72C6SS	STX	112	190.3	15.1	0	27.9	597	10
Pfister	68A1RR	RR2	108	190.2	14.2	0	27.4	597	11
Golden Harvest	G07B39-3111A	3111,A	109	189.0	14.6	0	25.9	593	12
Stone	6182RIB	VT2P,B	111	188.5	15.3	0	25.9	590	14
NK Brand	NK1103-3111A	3111,A	111	188.4	14.5	0	25.4	592	13
Dyna-Gro	D50VC30	VT2P	110	187.8	14.3	0	25.9	590	15
Golden Harvest	G09A86-3111	3111	109	187.0	14.0	0	27.9	587	16
Dekalb	DKC62-97RIB GC	VT3P,B	112	186.6	14.6	0	26.4	586	17
NuTech/G2 Gen	X5FN-0909^	OI	109	186.3	14.0	0	26.9	585	18
Dairyland	DS-9412SSX	STX	112	185.8	14.7	0	25.4	583	19
Wyffels	W7456RIB	VT2P,B	112	185.3	15.1	0	23.4	581	21
Augusta	A1059GT3111	3111	109	184.2	14.0	0	25.4	578	22
Dyna-Gro	D52VC63	VT2P	112	184.2	14.7	0	26.4	578	23
LG Seeds	LG5590VT2P	VT2P	110	183.7	14.4	0	26.4	577	24
Dekalb	DKC60-87RIB GC	STX,B	110	181.5	14.5	0	25.9	570	25
Great Heart	HT-6912SSRIB	STX,B	109	180.2	14.4	0	23.9	566	26
LG Seeds	LG5618STXRIB	STX,B	112	179.5	14.9	0	24.9	564	27
Renk	RK871VT2P	VT2P,B	111	179.0	14.7	0	23.4	562	28
Pioneer	P0825AMXT GC	AMXT,B	108	178.3	14.2	0	25.9	560	29
NuTech/G2 Gen	5FB-1010^	AM,B	110	178.2	14.4	0	26.4	560	30
LG Seeds	LG5606STX	STX	111	178.1	14.4	0	24.4	559	31
Pioneer	P1197AMXT CK	AMXT,B	111	185.5	14.5	0	26.9	582	20
Averages =				179.5	14.6	0	25.9	563	
LSD (0.10) =				12.5	0.2	ns			
LSD (0.25) =				6.6	0.1	ns			
C.V. =				7.7	Prev. years average yield, 137.6 bu/a, 15 yrs				

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

Test Comments: *Within hours after planting, the site received a 4" rain, followed by several more rains totalling 10-12". Both Matt and I were surprised that plants emerged this well. The early-season test had much better stand than the full-season test. Hybrids with lower stands had ear length flex to still yield well. Full-season test was rejected because yield differences were due to final population, not genetics.*

† 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: Acuron
FERTILITY - Applied N: 211 Spring
Applied N-P-K (units): 211-92-0
SEEDING - RATE - ROW: Apr 25 29,000 /A 30" spacing
HARVESTED - STAND: Oct 6 24,800 /A

Full-Season Test
113 - 117 Day CRM
B2017ILSO23b

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
HyBrid	HT7889B	STL-B	114	209.4	14.9	0	26.4	528	1
Danvard	DS-7513	PC	113	209.4	15.2	0	26.4	528	2
Stone	ST1288B	VTP-B	117	209.3	15.7	0	26.9	520	3
LG Seeds	LG1883-VTP8B	VTP-B	116	207.8	15.0	0	26.4	520	4
Phos	PH8P10R	PC-B	116	203.8	15.7	0	27.9	500	5
Stone	ST288B	VTP-B	113	203.3	15.7	0	27.4	507	6
LG Seeds	LG1883-VTP8B	VTP-B	116	203.9	15.4	0	27.4	500	7
NE Brand	NE1888-2111	2111	118	203.3	15.4	0	27.4	578	8
Danard	DN1884-8788-CC	STL-B	114	204.9	14.7	0	27.9	500	9
HybW852 Gen	W852-VTP	STL-B	114	204.2	15.1	0	26.9	576	10
Phos	PH-2038	STL-B	113	202.3	15.7	0	26.4	500	11
Golden Harvest	G1887-2111	2111	116	201.1	15.7	0	27.4	502	17
LG Seeds	LG1883-VTP8B	VTP-B	114	201.7	14.7	0	26.9	500	12
HybW852 Gen	W852-VTP	STL-B	113	201.9	14.8	0	26.9	500	13
HybW852 Gen	W852-VTP	STL-B	113	201.7	15.2	0	26.4	500	14
Stone	ST288B	VTP-B	113	201.9	14.8	0	27.4	500	15
FE 1883B	FE 83211-88	STL-B	114	179.7	15.2	0	24.4	503	16
Phos	PH-2038	STL-B	113	179.2	15.1	0	26.9	502	18
FE 1883B	FE 83211-88	STL-B	114	179.1	15.0	0	26.9	500	19
Golden Harvest	G1887-2111	2111	114	177.2	15.0	0	26.9	504	20
Rain	RA1881-2111	2111	116	176.9	15.4	1	24.9	503	21
Stone	ST1288B	VTP-B	114	174.3	15.3	0	26.4	540	23
HyBrid	HT7889B	VTP-B	113	174.2	14.8	0	24.4	547	22
Danard	DN1884-8788-CC	STL-B	113	173.8	14.2	0	23.9	540	24
Phos	PH-2038	STL-B	113	172.7	15.9	0	26.9	538	26
Danard	DN1884-8788-CC	STL-B	114	172.5	15.0	0	24.9	542	25
Rain	RA1881-VTP	VTP-B	116	170.3	14.8	0	26.9	538	27
Danvard	DS-81488B	STL-B	114	170.2	15.4	0	26.9	533	28
Sun Phos	SP17888888	STL-B	113	169.9	15.0	0	26.9	533	29
Phos	PH-2038	STL-B	113	167.7	15.1	0	26.4	532	30
Phos	PH-2038	STL-B	113	162.9	14.3	0	26.9	500	31

D
A
T
A

R
E
J
E
C
T
E
D

Averages = **168.7** **15.2** **0** **24.8** **528**

LSD (0.10) = 28.7 2.1 ns

LSD (0.25) = 15.1 1.1 ns

C.V. = 18.6 Prev. years average yield, 137.6 bu/a, 15 yrs

Eric Beyers

ewbeye@hotmail.com, (217) 825-9072

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

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2017 Corn Grain - Illinois South [ILSO]



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					

2017 Corn Grain - Illinois South [ILSO]



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. 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)	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.