

2017 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Early-Season Test

107 - 112 Day CRM

B2017ILSOa

Top 30 of 48

For Gross Income (Sorted by Yield), (15) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/A	Rank	Belleville	Du Quoin	Flora	Salem	Vandalia‡
Wyffels	W7576	VT2P	112	213.0	17.5	0	656	1	259.5	205.1		124.7	262.8
Sun Prairie	SP2785GSS	STX	112	209.2	17.4	1	644	2	256.0	199.3		124.1	257.3
NuTech/G2 Gen	X5FN-0909^	OI	109	201.5	16.3	0	626	3	262.3	186.3		108.6	248.9
Renk	RK842SSTX	STX	112	201.3	17.2	2	621	4	253.7	199.1		119.5	232.7
Renk	RK859DGVT2P	VT2P,DG	112	199.8	16.6	0	619	5	258.1	202.1		101.7	237.1
Wyffels	W6946DGRIB	VT2P,DG,B	111	199.3	16.9	0	616	6	257.8	207.3		113.6	218.6
Renk	RK871VT2P	VT2P,B	111	197.8	16.8	0	612	7	255.1	179.0		114.5	242.5
Dyna-Gro	D52VC63	VT2P	112	197.5	17.8	0	606	8	245.6	184.2		124.3	235.7
Dyna-Gro	D50VC30	VT2P	110	195.8	16.7	0	606	9	240.7	187.8		97.2	257.5
Pfister	72C6SS	STX	112	195.6	18.7	0	596	13	238.6	190.3		99.0	254.6
Golden Harvest	G10T63-3000GT	3000GT	110	195.4	17.7	0	600	10	241.2	204.8		85.6	250.1
NK Brand	NK1103-3111A	3111,A	111	194.8	17.4	0	600	11	251.3	188.4		102.2	237.2
Wyffels	W7456RIB	VT2P,B	112	194.4	18.4	0	594	16	252.8	185.3		97.2	242.2
LG Seeds	LG5606STX	STX	111	194.3	17.4	0	598	12	248.2	178.1		115.8	234.9
Great Heart	HT-7026VT2P	VT2P	110	194.1	17.7	0	596	14	250.7	164.9		119.0	241.7
Stone	6182RIB	VT2P,B	111	192.3	18.2	0	588	17	248.2	188.5		88.5	243.9
Dairyland	DS-9412SSX	STX	112	191.1	17.6	0	588	18	250.1	185.8		99.8	228.6
Great Heart	HT-7238DGV2PRIB	VT2P,DG,B	112	187.2	18.7	0	570	21	231.9	192.2		85.3	239.2
LG Seeds	LG5618STXRIB	STX,B	112	186.6	17.9	0	572	19	252.6	179.5		95.1	219.0
Pfister	70A1SSR	STX,B	110	185.5	17.2	0	572	20	240.8	198.1		81.6	221.3
Dekalb	DKC62-97RIB GC	VT3P,B	112	184.8	17.4	0	569	22	250.3	186.6		62.8	239.5
LG Seeds	LG5590VT2P	VT2P	110	183.3	17.0	0	566	23	242.1	183.7		82.1	225.4
Great Heart	HT-7181SSRIB	STX,B	111	183.1	17.5	0	563	27	235.6	195.6		96.4	204.6
Golden Harvest	G07B39-3111A	3111,A	109	182.8	17.3	1	563	28	225.0	189.0		89.9	227.3
Augusta	A4658GT3110	3110	108	182.4	17.0	0	564	24	257.2	144.6		88.3	239.6
Dekalb	DKC56-45RIB GC	STX,B	106	182.4	16.9	0	564	25	236.2	177.4		89.5	226.4
Dekalb	DKC60-87RIB GC	STX,B	110	182.4	17.5	0	561	30	238.5	181.5		81.9	227.8
Golden Harvest	G09A86-3111	3111	109	182.3	16.9	0	564	26	241.4	187.0		64.5	236.1
Pioneer	P0825AMXT GC	AMXT,B	108	181.1	16.4	0	562	29	242.5	178.3		80.0	223.7
Augusta	A1059GT3111	3111	109	180.9	16.8	0	560	31	237.4	184.2		63.0	239.1
Pioneer	P1197AMXT CK	AMXT,B	111	192.7	16.8	0	596	15	267.9	185.5		83.2	234.3
Averages =				185.8	17.3	0	573		242.9	179.5	0.0	86.7	234.0
LSD (0.10) =				6.9	0.3	ns			9.8	12.5	0.0	15.9	13.4
LSD (0.25) =				3.6	0.2	2			5.2	6.6	0.0	8.3	7.0
Eric Beyers													
ewbeye@hotmail.com, (217) 825-9072													
				Previous years average yield for region, 151.8 bu/a, 20 yrs									

Test a loss due to poor stand from excessive spring rains

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices = \$3.14 GMO; \$3.14 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.

Additional reports available at www.firstseedtests.com.

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Report Date: 10/20/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Full-Season Test

113 - 117 Day CRM

B2017ILSOB

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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Belleville	Du Quoin	Flora	Salem	Vandalia
Dairyland	DS-7513	PC	113	216.5	22.4	0	640	2	260.7	208.4		113.1	275.8
Dyna-Gro	D55VC45	VT2P	115	213.9	20.3	0	643	1	262.3	160.5		117.1	262.3
Stone	6362RIB	VT2P,B	113	210.8	19.7	0	637	4	274.6	193.3		87.5	270.3
LG Seeds	LG5643VT2PRIB	VT2P,B	114	210.7	19.3	0	639	3	272.5	181.0		96.4	263.1
Great Heart	HT-7486SS	STX	114	209.7	20.7	0	629	6	260.8	161.9		105.4	262.9
Great Heart	HT-7302VT2P	VT2P	113	209.5	19.7	0	633	5	267.8	171.2		105.1	255.7
Stone	6712RIB	VT2P,B	117	206.7	20.3	0	622	7	259.7	159.6		110.4	250.0
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	205.8	20.1	0	620	9	271.2	161.3		90.1	256.2
Golden Harvest	G13M88-3110	3110	113	205.6	19.5	0	622	8	266.3	159.3		103.5	246.9
LG Seeds	LG5650VT2PRIB	VT2P,B	115	203.6	19.2	1	618	11	263.1	171.2		112.6	235.1
Wyffels	W7888RIB	STX,B	114	202.9	19.6	0	614	12	265.0	161.3		97.3	246.4
Renk	RK924DGV2P	VT2P,DG,B	114	202.5	20.1	0	610	13	258.7	159.3		80.5	268.4
Dekalb	DKC64-34RIB GC	STX,B	114	201.8	20.1	0	608	15	245.2	159.3		113.9	246.2
Golden Harvest	G16K01-3111	3111	116	201.2	22.0	0	597	20	262.8	161.3		83.8	257.0
FS InVISION	FS 63ZX1 RIB	STX,B	113	201.1	19.4	0	609	14	267.3	159.3		84.4	251.7
NuTech/G2 Gen	X5FN-1306^	OI	113	198.5	19.7	0	600	17	268.0	159.3		64.9	262.6
Dairyland	DS-9314SSX	STX	114	198.5	20.8	0	595	21	239.6	159.3		102.6	253.3
Great Heart	HT-7381VT2PRIB	VT2P,B	113	198.4	20.1	0	598	18	252.7	149.6		100.7	241.7
Golden Harvest	G18D87-3111	3111	118	198.4	21.6	0	590	24	259.0	159.3		74.2	262.1
Wyffels	W7696RIB	VT2P,B	113	198.3	19.0	5	603	16	275.4	159.3		105.0	214.4
Dyna-Gro	D54VC52	VT2P	114	197.2	20.2	0	594	22	264.7	159.3		90.2	236.7
Pioneer	P1311AM GC	AM,B	113	196.9	19.2	0	598	19	249.3	159.3		80.5	261.0
FS InVISION	FS 66TX1 RIB	STX,B	116	196.9	20.2	0	593	23	241.8	159.3		112.4	236.6
Wyffels	W8268RIB	STX,B	116	193.6	20.1	0	583	25	241.5	159.3		95.6	243.8
NuTech/G2 Gen	5F-713^	AM,B	113	190.6	19.5	0	577	26	256.7	159.3		60.6	254.5
Stone	6532RIB	VT2P,B	115	189.9	19.8	0	573	27	252.8	165.7		72.2	244.8
Renk	RK941SSTX	STX,B	114	189.7	20.3	0	571	28	251.9	151.2		71.2	246.1
Augusta	A5664GT3000	3000GT	114	189.7	21.0	0	567	31	247.0	151.7		80.3	241.8
LG Seeds	LG5663VT2PRIB	VT2P,B	115	189.5	20.1	0	571	29	255.3	197.8		80.5	232.8
Dekalb	DKC64-87RIB GC	STX,B	114	188.0	19.6	0	569	30	250.0	184.6		75.3	238.6
Pioneer	P1197AMXT CK	AMXT,B	111	202.2	18.0	0	620	10	262.5			84.6	259.5

Data Rejected - Not in Summary

Test a loss due to poor stand from excessive spring rains

Averages =	193.2	20.1	0	582	253.7	168.7	79.7	246.6
LSD (0.10) =	8.6	0.4	ns		10.7	28.7	15.9	15.0
LSD (0.25) =	4.5	0.2	ns		5.6	15.1	8.4	7.9

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

Previous years average yield for region, 151.8 bu/a, 20 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices = \$3.14 GMO; \$3.14 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: 10/20/2017 Revised:

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. VPM [®] 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 [®] , VPM [®] 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 [®] TRIssect (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	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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