

2018 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Test by: F.I.R.S.T. MSR, Inc., Columbia, MO

Early-Season Test

107 - 112 Day CRM

B2018ILSOa

Top 30 of 48

For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Belleville	Flora		Ramsey		
				Bu/A	%	%	\$/A	Rank	Effingham#	Marion	Salem			
Armor	X8111Pro2	VT2P	111	241.9	17.2	1	768	2	240.1	255.1	228.2	234.5	250.1	243.5
Stone	6182RIB	VT2P,B	111	239.1	17.3	2	758	4	223.5	251.4	232.2	236.6	252.0	238.6
LG Seeds	LG62C02VT2PRO	VT2P	112	238.9	16.7	1	762	3	236.1	252.4	236.2	223.8	258.0	226.6
Dyna-Gro	D52VC15	VT2P	112	237.7	17.3	1	753	6	236.1	255.0	226.9	228.0	254.3	225.9
Axis Seed	60K23	VT2P,B	110	237.4	16.7	2	757	5	237.5	254.3	229.4	227.6	248.9	226.4
Renk	RK842SSTX	STX	112	236.7	17.3	1	750	7	227.4	241.5	222.1	248.3	251.0	230.1
Dyna-Gro	D52VC63	VT2P	112	234.1	17.1	2	744	8	237.2	241.2	233.5	215.6	240.6	236.5
Wyffels	W7456RIB	VT2P,B	112	232.3	17.8	1	732	12	208.0	247.0	230.7	234.5	238.0	235.8
Axis Seed	62A28	VT2P,B	112	232.1	17.2	3	736	11	233.5	219.2	227.2	223.5	264.3	224.6
LG Seeds	LG5606STXRIB	STX,B	111	231.5	16.6	3	739	9	216.7	260.3	223.5	219.5	244.3	224.8
Pioneer	P1197AM GC	AM,B	111	231.2	16.8	2	737	10	231.5	231.0	208.9	229.7	259.4	226.7
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	229.7	17.0	2	730	13	222.5	255.0	217.7	238.3	234.6	209.8
Great Heart	HT-7244VT2PRIB	VT2P,B	112	229.4	17.2	3	728	14	233.4	243.6	207.0	236.8	234.4	221.4
NK Brand	NK1066-3120-EZR	3120,B	110	228.1	17.2	6	724	15	221.1	234.8	221.2	221.9	243.2	226.1
Wyffels	W7576RIB	VT2P,B	112	226.5	17.1	2	719	18	228.7	243.9	225.5	213.0	239.9	207.7
NuTech/G2 Gen	5FB-1010	AM,B	110	226.4	17.0	5	720	17	221.8	218.3	214.4	236.6	230.1	237.2
NuTech/G2 Gen	5FN-8808	OI	108	226.2	16.5	3	723	16	226.5	235.7	213.0	220.6	242.4	219.0
Seed Consultants	SCS 1087YHR	OI	108	224.6	16.8	3	716	19	213.8	231.8	223.7	226.2	248.9	203.3
FS InVISION	FS 62ZK1 RIB	STX,B	112	224.5	17.2	2	712	23	216.6	238.8	224.8	205.8	237.3	223.6
Golden Harvest	G10T63-3120-EZR	3120,B	110	224.1	17.0	8	713	21	228.5	230.0	221.6	211.8	225.5	226.9
Epley	E2001GTCBLL	3010	110	223.9	17.0	4	712	24	217.4	236.4	209.8	215.0	233.1	231.6
Axis Seed	57A25RIB	VT2P,B	107	223.5	16.7	1	713	22	207.0	243.3	204.2	229.0	239.1	218.6
NuTech/G2 Gen	5F-308	AM,B	108	223.3	16.5	2	714	20	240.1	238.9	210.0	195.5	238.4	216.7
Wyffels	W6956	VT2P	111	221.8	17.1	3	705	26	228.4	240.4	211.5	199.5	237.6	213.6
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	112	221.2	16.9	1	704	28	212.7	238.3	204.0	226.4	244.6	201.1
FS InVISION	FS 60LX1 RIB	STX,B	110	220.9	16.4	2	707	25	223.8	222.0	215.6	237.2	226.2	200.8
NuTech	5NN-8812	3000GT	112	220.7	17.1	2	701	30	220.3	217.4	203.1	224.9	232.4	225.8
Pfister	68A1PE	PC,E	108	220.4	16.5	1	705	27	226.5	232.1	205.6	205.2	232.5	220.3
Great Heart	HT-7026SSRIB	STX,B	110	220.4	17.0	2	701	31	223.5	196.5	216.2	225.2	238.4	222.3
NuTech/G2 Gen	5FB-9909	AM,B	109	218.7	16.1	3	702	29	226.6	186.8	221.4	219.4	242.9	215.1
Pioneer	P1366AM CK	AM,B	113	243.6	16.9	2	776	1	241.0	257.7	218.5	238.5	258.7	247.2
Averages =				223.9	16.9	3	713		220.8	232.4	214.4	219.3	239.3	217.3
LSD (0.10) =				8.8	0.3	2			12.0	18.9	12.1	21.6	14.8	14.3
LSD (0.25) =				4.6	0.1	1			6.3	9.9	6.3	11.3	7.7	7.5

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Previous years average yield for region, 155.5 bu/a, 21 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices = \$3.25 GMO; \$3.25 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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Revised:

2018 Corn Grain Top 30 Performance Summary for Illinois South [ILSO]



Full-Season Test

113 - 117 Day CRM

B2018ILSOB

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For Gross Income (Sorted by Yield), (17) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield	Moisture	Lodging	Gross Income		Belleville		Flora		Ramsey	
				Bu/A	%	%	\$/A	Rank	Effingham‡	Marion	Salem			
Great Heart	HT-7425DGV2PRIB	VT2P,DG,B	114	248.2	17.9	1	781	1	247.0	270.5	240.5	227.4	267.0	236.9
NuTech/G2 Gen	5FB-4516	AM,B	116	244.3	18.0	2	768	3	243.7	282.6	236.4	209.6	242.2	251.2
Stone	6542RIB	VT2P,B	115	244.1	17.9	3	769	2	248.4	288.9	229.7	195.9	267.3	234.5
Renk	RK945DGV2P	VT2P,DG	115	243.8	17.9	1	768	4	249.3	260.6	225.4	230.6	261.3	235.3
Dyna-Gro	D55VC45	VT2P	115	242.5	17.7	2	765	5	246.4	265.6	238.7	220.1	253.1	231.2
Wyffels	W8646RIB	VT2P,B	116	239.2	18.0	2	752	7	234.2	268.2	227.3	219.9	257.2	228.1
NuTech/G2 Gen	5FB-6313	AM,B	113	237.8	17.1	3	755	6	222.7	252.6	223.2	236.9	260.0	231.3
Great Heart	HT-7302VT2PRIB	VT2P,B	113	237.5	17.6	3	750	8	234.7	265.7	217.9	217.4	251.4	237.7
LG Seeds	LG5643VT2RIB	VT2P,B	114	235.9	17.6	6	745	10	234.1	258.4	233.4	202.4	257.1	230.1
FS InVISION	FS 64SV1 RIB	VT2P,B	114	235.6	17.4	3	746	9	229.6	267.2	220.7	223.9	247.6	224.5
LG Seeds	LG5663VT2RIB	VT2P,B	115	234.1	17.9	1	737	13	207.1	266.5	213.9	228.6	248.6	239.9
Armor	1447Pro2	VT2P	114	234.1	18.0	1	736	15	241.5	245.4	228.6	222.8	242.9	223.4
NuTech/G2 Gen	5FN-2213	OI	113	233.8	17.5	3	739	12	236.1	256.3	220.0	219.7	249.2	221.4
Pfister	75Y1PCR	PC,B	115	233.4	18.0	6	734	16	251.4	248.6	215.0	225.7	235.1	224.4
Dyna-Gro	D54VC14	VT2P	114	233.2	17.6	3	737	14	234.2	236.8	230.8	204.7	258.0	234.8
Seed Consultants	SCS 1139YHR	OI	113	232.2	17.5	4	734	17	225.3	251.2	227.9	206.7	249.7	232.3
NK Brand	NK1573-3110	3110	115	232.2	18.2	8	729	21	239.2	229.5	221.3	216.1	253.5	233.7
Wyffels	W7696RIB	VT2P,B	113	231.7	17.4	3	734	18	234.7	236.4	223.1	222.0	240.9	232.9
Stone	6362RIB	VT2P,B	113	231.4	17.6	2	731	20	227.4	245.3	222.6	225.0	233.6	234.2
Axis Seed	EXP 3B413A	VT2P	113	231.1	17.3	2	732	19	229.3	237.4	233.3	227.0	240.4	219.0
Dekalb	DKC64-35RIB GC	VT2P,B	114	230.9	17.7	1	729	22	233.0	241.1	223.0	218.9	243.8	225.7
Golden Harvest	G15L32-3110	3110	115	230.3	17.7	5	727	23	225.8	221.3	231.0	226.3	252.2	225.2
Stone	6622RIB	VT2P,B	116	230.1	18.2	5	722	28	231.1	235.1	222.9	211.3	244.9	235.1
Renk	RK961VT2P	VT2P,B	116	230.0	17.6	2	727	24	217.3	261.6	218.8	213.5	252.3	216.4
Wyffels	W7976RIB	VT2P,B	113	229.5	17.3	4	727	25	225.6	260.6	218.6	210.3	242.0	219.6
FS InVISION	FS 67SV1 RIB	VT2P,B	117	229.5	18.5	1	718	29	224.3	229.1	209.2	243.5	239.7	231.4
Axis Seed	66R25RIB	STX,B	116	229.4	18.5	3	717	31	227.3	236.3	219.7	218.6	230.3	244.2
Golden Harvest	G13M88-3110	3110	113	229.3	17.5	3	725	26	228.5	247.9	220.9	222.3	237.2	218.9
Seed Consultants	SCS 1168YHR	OI	116	229.3	17.7	9	724	27	226.5	239.3	226.8	216.5	240.2	226.5
Renk	RK937SSTX	STX	113	227.6	17.7	1	718	30	233.7	257.3	222.9	212.9	226.1	212.7
Pioneer	P1366AM CK	AM,B	113	234.2	17.2	2	743	11	233.8	270.1	211.8	209.4	240.3	239.6

Averages =	229.3	17.9	3	722	225.2	245.0	220.8	217.4	241.3	226.0
LSD (0.10) =	10.6	0.4	2		13.5	36.4	11.1	17.9	14.2	12.0
LSD (0.25) =	5.6	0.2	1		7.1	18.9	5.8	9.4	7.5	6.3

Previous years average yield for region, 155.5 bu/a, 21 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices = \$3.25 GMO; \$3.25 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: 10/08/2018

Revised:

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Armor	0887Pro2	VT2P	AC,P5V	108
Armor	1227Pro2	VT2P	AC,P5V	112
Armor	X8111Pro2	VT2P	AC,P5V	111
Axis Seed	57A25RIB	VT2P,B	AC,P2	107
Axis Seed	60K23	VT2P,B	AC,P2	110
Axis Seed	62A28	VT2P,B	AC,P2	112
Dekalb	DKC60-88RIB GC	VT2P,B	AC,P2	110
Dyna-Gro	D52VC15	VT2P	AC,P5V	112
Dyna-Gro	D52VC63	VT2P	AC,P5V	112
Epley	E2001GTCBLL	3010	MQ	110
Epley	E2201GTCBLL	3010	MQ	112
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110
FS InVISION	FS 60UX1 RIB	STX,B	AC,P5V	110
FS InVISION	FS 62TV1DG RIB	VT2P,DG,B	AC,P2	112
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112
Golden Harvest	G08D29-3120A-EZR	3120,A,B	AVC,C5,Vi	108
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109
Golden Harvest	G10T63-3120-EZR	3120,B	AVC,C5,Vi	110
Golden Harvest	G11A33-3111	3111	AVC,C5,Vi	111
Great Heart	HT-7026SSRIB	STX,B	AC,P5V	110
Great Heart	HT-7244VT2PRIB	VT2P,B	AC,P5V	112
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109
LG Seeds	LG62C02VT2PRO	VT2P	AC,P5V	112
NK Brand	NK1066-3120-EZR	3120,B	AVC,C5,Vi	110
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,ln	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	5FB-9909	AM,B	CM,C2,R,Lu	109
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108
Pfister	68A1PE	PC,E	CM,C5,Vi,ln	108
Pfister	69D3RR	RR2	CM,C5,Vi,ln	109
Pfister	69E2SSR	STX,B	CM,C5,Vi,ln	109
Pfister	71C1PCR	PC,B	CM,C5,Vi,ln	111
Pioneer	P1197AM GC	AM,B	MQ,P1V,R	111
Pioneer	P1366AM CK	AM,B	MQ,P1V,R	113
Renk	RK815SSTX	STX,B	AC,P2	110
Renk	RK842SSTX	STX	AC,P5V	112
Renk	RK871VT2P	VT2P,B	AC,P2	111
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109
Seed Consultants	SCS 1105YHR	OI	MQ,P1V,R	110

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112
Stone	6182RIB	VT2P,B	AC,P2	111
Wyffels	W6898RIB	STX,B	AC,P5V	112
Wyffels	W6956	VT2P	AC,P5V	111
Wyffels	W7456RIB	VT2P,B	AC,P5V	112
Wyffels	W7576RIB	VT2P,B	AC,P5V	112

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Armor	1447Pro2	VT2P	AC,P2	114
Axis Seed	65H25	VT2P,B	AC,P2	115
Axis Seed	66R25RIB	STX,B	AC,P5V	116
Axis Seed	EXP 3B413A	VT2P	AC,P5V	113
Dekalb	DKC64-35RIB GC	VT2P,B	AC,P2	114
Dyna-Gro	D54VC14	VT2P	AC,P5V	114
Dyna-Gro	D55VC45	VT2P	AC,P5V	115
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113
FS InVISION	FS 64SV1 RIB	VT2P,B	AC,P2	114
FS InVISION	FS 66ZV1 RIB	VT2P,B	AC,P2	116
FS InVISION	FS 67SV1 RIB	VT2P,B	AC,P2	117
Golden Harvest	G13M88-3110	3110	AVC,C5,Vi	113
Golden Harvest	G14V04-3120-EZR	3120,B	AVC,C5,Vi	114
Golden Harvest	G15L32-3110	3110	AVC,C5,Vi	115
Golden Harvest	G18D87-3111	3111	AVC,C5,Vi	118
Great Heart	HT-7302VT2PRIB	VT2P,B	AC,P5V	113
Great Heart	HT-7381VT2PRIB	VT2P,B	AC,P5V	113
Great Heart	HT-7425DGV2PRIB	VT2P,DG,B	AC,P5V	114
Great Heart	HT-7486SSRIB	STX,B	AC,P5V	114
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114
LG Seeds	LG5650STXRIB	STX,B	AC,P5V	115
LG Seeds	LG5663VT2RIB	VT2P,B	AC,P5V	115
NK Brand	NK1433-3120-EZR	3120,B	AVC,C5,Vi	114
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115
NuTech/G2 Gen	5FB-4516	AM,B	CM,C2,R,Lu	116
NuTech/G2 Gen	5FB-6313	AM,B	CM,C2,R,Lu	113
NuTech/G2 Gen	5FN-2213	OI	MQ,P5V,R	113
NuTech/G2 Gen	5LB-7215	AMXT,B	CM,C2,R,Lu	115
Pfister	2874PCR	PC,B	CM,C5,Vi,In	113
Pfister	74D2PE	PC,E	CM,C5,Vi,In	114
Pfister	75Y1PCR	PC,B	CM,C5,Vi,In	115
Pfister	77C1SE	STX,E	CM,C1	117
Pioneer	P1366AM CK	AM,B	MQ,P1V,R	113
Renk	RK937SSTX	STX	AC,P5V	113
Renk	RK945DGV2P	VT2P,DG	AC,P2	115
Renk	RK961VT2P	VT2P,B	AC,P2	116
Renk	RK965VT2P	VT2P,B	AC,P2	116
Seed Consultants	SCS 1139YHR	OI	MQ,P5V,R	113
Seed Consultants	SCS 1158YHR	OI	MQ,P1V,R	115
Seed Consultants	SCS 1168YHR	OI	MQ,P1V,R	116
Stone	6362RIB	VT2P,B	AC,P2	113
Stone	6542RIB	VT2P,B	AC,P2	115

Company/Brand	Product/Brand†	Technol.†	Seed Trt.†	RM
Stone	6622RIB	VT2P,B	AC,P2	116
Stone	6712RIB	VT2P,B	AC,P2	117
Wyffels	W7696RIB	VT2P,B	AC,P5V	113
Wyffels	W7888RIB	STX,B	AC,P5V	114
Wyffels	W7976RIB	VT2P,B	AC,P5V	113
Wyffels	W8646RIB	VT2P,B	AC,P5V	116

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Boreer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	D	Dynasty®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
A	Allegiance®	Es	Escalate®	R	Raxil®
AC	Acceleron® fungicide products	HC	Hefty Complete	Sa	Sativa™
AL2500	Alert 2500	In	Intego™ Solo	Se	Sebring™
At	Actellic®	L	Lorsban®	Sn	Senator™
AVC	Avicta® Complete Corn	Lu	Lumivia™	Sp	Spirato™
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL®	SC	SHIELDCoat™
CE	Cruiser Xtreme®	MQ	Maxim Quattro®	V	Votivo®
CM	CruiserMaxx® Corn	None	untreated	Vi	Vibrance®

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