

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	<b>241.9</b>	17.2	1	768	2	<b>240.1</b>	<b>255.1</b>	<b>228.2</b>	234.5	250.1	<b>243.5</b>
Stone	6182RIB	VT2P,B	111	<b>239.1</b>	17.3	2	758	4	223.5	<b>251.4</b>	<b>232.2</b>	236.6	252.0	<b>238.6</b>
LG Seeds	LG62C02VT2PRO	VT2P	112	<b>238.9</b>	16.7	1	762	3	<b>236.1</b>	<b>252.4</b>	<b>236.2</b>	232.8	<b>258.0</b>	226.6
Dyna-Gro	D52VC15	VT2P	112	<b>237.7</b>	17.3	1	753	6	<b>236.1</b>	<b>255.0</b>	<b>226.9</b>	228.0	<b>254.3</b>	225.9
Axis Seed	60K23	VT2P,B	110	<b>237.4</b>	16.7	2	757	5	<b>237.5</b>	<b>254.3</b>	<b>229.4</b>	227.6	248.9	226.4
Renk	RK842SSTX	STX	112	<b>236.7</b>	17.3	1	750	7	227.4	241.5	222.1	<b>248.3</b>	251.0	230.1
Dyna-Gro	D52VC63	VT2P	112	<b>234.1</b>	17.1	2	744	8	<b>237.2</b>	241.2	<b>233.5</b>	215.6	240.6	<b>236.5</b>
Wyffels	W7456RIB	VT2P,B	112	232.3	17.8	1	732	12	208.0	247.0	<b>230.7</b>	234.5	238.0	<b>235.8</b>
Axis Seed	62A28	VT2P,B	112	232.1	17.2	3	736	11	<b>233.5</b>	219.2	<b>227.2</b>	223.5	<b>264.3</b>	224.6
LG Seeds	LG5606STXRIB	STX,B	111	231.5	16.6	3	739	9	216.7	<b>260.3</b>	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	<b>259.4</b>	226.7
Golden Harvest	G08D29-3120A-EZR	3120,A,B	108	229.7	17.0	2	730	13	222.5	<b>255.0</b>	217.7	238.3	234.6	209.8
Great Heart	HT-7244VT2PRIB	VT2P,B	112	229.4	17.2	3	728	14	<b>233.4</b>	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	<b>237.2</b>
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 62Z1 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	<b>231.6</b>
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	<b>240.1</b>	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	<b>243.6</b>	16.9	2	776	1	<b>241.0</b>	<b>257.7</b>	<b>218.5</b>	<b>238.5</b>	<b>258.7</b>	<b>247.2</b>
Averages =				<b>223.9</b>	<b>16.9</b>	<b>3</b>	<b>713</b>		<b>220.8</b>	<b>232.4</b>	<b>214.4</b>	<b>219.3</b>	<b>239.3</b>	<b>217.3</b>
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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2018 Corn Grain Top 30 Performance Summary for Illinois South [ ILSO ]



Full-Season Test

113 - 117 Day CRM

B2018ILSOB

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			
Great Heart	HT-7425DGV2PRIB	VT2P,DG,B	114	<b>248.2</b>	17.9	1	781	1	<b>247.0</b>	270.5	<b>240.5</b>	227.4	<b>267.0</b>	236.9
NuTech/G2 Gen	5FB-4516	AM,B	116	<b>244.3</b>	18.0	2	768	3	<b>243.7</b>	<b>282.6</b>	<b>236.4</b>	209.6	242.2	<b>251.2</b>
Stone	6542RIB	VT2P,B	115	<b>244.1</b>	17.9	3	769	2	<b>248.4</b>	<b>288.9</b>	229.7	195.9	<b>267.3</b>	234.5
Renk	RK945DGV2P	VT2P,DG	115	<b>243.8</b>	17.9	1	768	4	<b>249.3</b>	260.6	225.4	230.6	<b>261.3</b>	235.3
Dyna-Gro	D55VC45	VT2P	115	<b>242.5</b>	17.7	2	765	5	<b>246.4</b>	265.6	<b>238.7</b>	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	<b>257.2</b>	228.1
NuTech/G2 Gen	5FB-6313	AM,B	113	237.8	17.1	3	755	6	222.7	252.6	223.2	<b>236.9</b>	<b>260.0</b>	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	<b>233.4</b>	202.4	<b>257.1</b>	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	<b>239.9</b>
Armor	1447Pro2	VT2P	114	234.1	18.0	1	736	15	<b>241.5</b>	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	<b>251.4</b>	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	<b>258.0</b>	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	<b>239.2</b>	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	<b>233.3</b>	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	<b>243.5</b>	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	<b>244.2</b>
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	<b>239.6</b>

Averages =	<b>229.3</b>	<b>17.9</b>	<b>3</b>	<b>722</b>	<b>225.2</b>	<b>245.0</b>	<b>220.8</b>	<b>217.4</b>	<b>241.3</b>	<b>226.0</b>
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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## 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.