

2018 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM
Tom Beyers, Marion County, IL 62870



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

PREV. CROP/HERB: Soybean / Flexstar, glyphosate
SOIL DESCRIPTION: Hoyleton-Darmstadt silt loam, poor drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, high P, high K, 6 pH, 2.2% OM, 9.3 CEC
PEST MANAGEMENT: Sencor, Trizmet II, Mesotrione, Buccaneer Plus, Force 3G
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-92-0
SEEDING - RATE - ROW: May 9 28,400 /A 30" spacing
HARVESTED - STAND: Oct 1 28,000 /A

Early-Season Test
107 - 112 Day CRM
B2018ILSO04a

Top 30 of 48

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Armor	X8111Pro2	VT2P	111	243.5	15.7	1	28.0	785	2
Stone	6182RIB	VT2P,B	111	238.6	16.2	1	28.0	765	3
NuTech/G2 Gen	5FB-1010	AM,B	110	237.2	15.7	1	28.0	765	4
Dyna-Gro	D52VC63	VT2P	112	236.5	15.5	1	28.0	764	5
Wyffels	W7456RIB	VT2P,B	112	235.8	17.1	1	28.3	749	7
Seed Consultants	SCS 1125YHR	OI	112	233.8	16.1	2	28.0	751	6
Epley	E2001GTCBLL	3010	110	231.6	16.0	4	28.3	745	8
Renk	RK842SSTX	STX	112	230.1	15.7	2	28.3	742	9
Golden Harvest	G10T63-3120-EZR	3120,B	110	226.9	16.2	14	28.0	728	13
Pioneer	P1197AM GC	AM,B	111	226.7	15.5	2	28.0	733	11
LG Seeds	LG62C02VT2PRO	VT2P	112	226.6	15.8	1	28.0	730	12
Axis Seed	60K23	VT2P,B	110	226.4	15.1	2	28.0	735	10
NK Brand	NK1066-3120-EZR	3120,B	110	226.1	15.8	14	28.0	728	14
Dyna-Gro	D52VC15	VT2P	112	225.9	16.2	1	28.3	725	17
NuTech	5NN-8812	3000GT	112	225.8	15.8	1	28.3	728	15
LG Seeds	LG5606STXRIB	STX,B	111	224.8	15.5	1	28.0	727	16
Axis Seed	62A28	VT2P,B	112	224.6	15.8	1	28.0	724	18
FS InVISION	FS 62ZX1 RIB	STX,B	112	223.6	15.7	1	28.3	721	19
Great Heart	HT-7026SSRIB	STX,B	110	222.3	15.8	1	28.0	716	20
Great Heart	HT-7244VT2PRIB	VT2P,B	112	221.4	16.2	1	27.7	710	22
Pfister	68A1PE	PC,E	108	220.3	15.2	1	28.3	714	21
LG Seeds	LG59C66VT2PRO	VT2P	109	219.3	15.7	1	28.3	707	24
NuTech/G2 Gen	5FN-8808	OI	108	219.0	15.4	4	28.0	709	23
Axis Seed	57A25RIB	VT2P,B	107	218.6	15.4	1	28.0	707	25
Pfister	69E2SSR	STX,B	109	218.4	15.8	2	28.0	704	26
Dekalb	DKC60-88RIB GC	VT2P,B	110	216.9	15.7	1	28.0	700	28
NuTech/G2 Gen	5F-308	AM,B	108	216.7	15.4	4	27.7	701	27
NuTech/G2 Gen	5FB-9909	AM,B	109	215.1	15.3	1	28.0	697	29
Seed Consultants	SCS 1098YHR	OI	109	214.0	15.9	2	27.7	689	31
Armor	0887Pro2	VT2P	108	213.9	15.3	1	27.7	693	30
Pioneer	P1366AM CK	AM,B	113	247.2	15.7	1	28.0	797	1

William C. Schelp

William Schelp

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Averages = 217.3 15.7 2 28.0 701

LSD (0.10) = 14.3 0.3 3

LSD (0.25) = 7.5 0.1 1

C.V. = 6.2 Prev. years average yield, 134.9 bu/a, 15 yrs

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

Test Comments: Trial got off to a great start and it never looked back. Tom, our host farmer, mentioned it was near optimal time to get crops planted. As soon as the trial emerged, favorable showers and temperatures followed. This extended throughout the season. Ears were filled to the tip, 18 kernel rows around being the norm. Tom said, "Best corn yield crop I've had in 38 years. Pretty exceptional for us."

† 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: Sencor, Trizmet II, Mesotrione, Buccaneer Plus, Force 3G
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-92-0
SEEDED - RATE - ROW: May 9 28,400 /A 30" spacing
HARVESTED - STAND: Oct 1 28,000 /A

Full-Season Test
113 - 117 Day CRM
B2018ILSO04b

Top 30 of 48

For Gross Income (Sorted by Yield)

Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech/G2 Gen	5FB-4516	AM,B	116	251.2	16.9	2	28.3	800	1
Axis Seed	66R25RIB	STX,B	116	244.2	17.4	1	27.7	773	2
LG Seeds	LG5663VT2RIB	VT2P,B	115	239.9	16.9	1	28.0	764	4
Great Heart	HT-7302VT2PRIB	VT2P,B	113	237.7	16.9	2	28.0	757	5
Stone	6712RIB	VT2P,B	117	237.7	17.6	1	28.3	751	8
Great Heart	HT-7425DGV2PRIB	VT2P,DG,B	114	236.9	16.6	1	28.0	757	6
Renk	RK945DGV2P	VT2P,DG	115	235.3	16.8	1	28.0	750	10
Stone	6622RIB	VT2P,B	116	235.1	17.6	4	28.0	743	15
Dyna-Gro	D54VC14	VT2P	114	234.8	17.0	1	28.0	747	12
Stone	6542RIB	VT2P,B	115	234.5	16.3	2	28.3	751	9
Stone	6362RIB	VT2P,B	113	234.2	16.0	2	28.0	753	7
NK Brand	NK1573-3110	3110	115	233.7	17.2	14	28.0	742	16
Wyffels	W7696RIB	VT2P,B	113	232.9	16.0	2	28.0	749	11
Seed Consultants	SCS 1139YHR	OI	113	232.3	16.3	1	28.7	744	13
FS InVISION	FS 67SV1 RIB	VT2P,B	117	231.4	17.6	1	28.0	731	19
NuTech/G2 Gen	5FB-6313	AM,B	113	231.3	15.9	1	28.0	744	14
Dyna-Gro	D55VC45	VT2P	115	231.2	16.6	4	28.0	738	17
LG Seeds	LG5643VT2RIB	VT2P,B	114	230.1	16.3	1	28.3	737	18
Golden Harvest	G18D87-3111	3111	118	229.3	17.5	2	29.0	725	20
Axis Seed	65H25	VT2P,B	115	228.2	17.4	1	28.3	722	23
Wyffels	W8646RIB	VT2P,B	116	228.1	17.2	1	28.0	724	21
Pfister	77C1SE	STX,E	117	227.3	17.0	1	28.0	723	22
Seed Consultants	SCS 1168YHR	OI	116	226.5	16.9	12	28.0	721	25
Dekalb	DKC64-35RIB GC	VT2P,B	114	225.7	16.7	1	28.0	720	26
Golden Harvest	G15L32-3110	3110	115	225.2	17.2	6	27.7	715	27
FS InVISION	FS 64SV1 RIB	VT2P,B	114	224.5	16.0	2	28.0	722	24
Pfister	75Y1PCR	PC,B	115	224.4	16.8	10	28.3	715	28
FS InVISION	FS 66ZV1 RIB	VT2P,B	116	224.4	17.3	1	27.3	711	30
Armor	1447Pro2	VT2P	114	223.4	16.8	1	28.0	712	29
Great Heart	HT-7381VT2PRIB	VT2P,B	113	223.3	17.0	1	28.3	710	31
Pioneer	P1366AM CK	AM,B	113	239.6	16.2	1	28.0	769	3

Averages = **226.0** **16.7** **2** **28.0** **721**

LSD (0.10) = 12.0 0.4 3

LSD (0.25) = 6.3 0.2 2

C.V. = 5.1 Prev. years average yield, 134.9 bu/a, 15 yrs

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

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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
Armor	0887Pro2	VT2P	AC,P5V	108	Wyffels	W6956	VT2P	AC,P5V	111
Armor	1227Pro2	VT2P	AC,P5V	112	Wyffels	W7456RIB	VT2P,B	AC,P5V	112
Armor	X8111Pro2	VT2P	AC,P5V	111	Wyffels	W7576RIB	VT2P,B	AC,P5V	112
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,l	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					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					
Stone	6182RIB	VT2P,B	AC,P2	111					
Wyffels	W6898RIB	STX,B	AC,P5V	112					

2018 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
Armor	1447Pro2	VT2P	AC,P2	114	Wyffels	W7888RIB	STX,B	AC,P5V	114
Axis Seed	65H25	VT2P,B	AC,P2	115	Wyffels	W7976RIB	VT2P,B	AC,P5V	113
Axis Seed	66R25RIB	STX,B	AC,P5V	116	Wyffels	W8646RIB	VT2P,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					
Stone	6622RIB	VT2P,B	AC,P2	116					
Stone	6712RIB	VT2P,B	AC,P2	117					
Wyffels	W7696RIB	VT2P,B	AC,P5V	113					

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® TRIsect (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 Borer	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	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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