

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

2019 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] MARION, IL
Brian Taylor, Williamson County, IL 62959

Early-Season Test	107 - 112 Day CRM B2019ILSO05a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / XtendiMax
SOIL DESCRIPTION:	Belknap silt loam, mod. well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, medium K, 5.7 pH, 2.2% OM, 10.4 CEC
PEST MANAGEMENT:	Acuron, Atrazine, Roundup, Force 3g
FERTILITY - Applied N:	230 Spring, 40 Sidedress
Applied N-P-K (units):	270-102-0
SEDED - RATE - ROW:	May 18 34.7 /A 30" spacing
HARVESTED - STAND:	Oct 22 34.2 /A

TEST COMMENTS:

At the first opportunity, as soil conditions allowed, this trial was seeded. Brian, our host farmer, was planting the same day in his surrounding field. Emergence was quick and very uniform. Regular rainfall seemed to help these hybrids progress nicely. Very little lodging or disease was observed. This was a Southern Illinois corn trial that looked great from start to finish.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NUTECH	69A6Q	QR,B	109	251.7	14.3	1	34.0	881	1
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	250.4	14.6	1	34.0	876	2
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	248.1	14.3	2	34.3	868	3
WYFFELS	W7198	STX	112	247.6	14.8	1	34.0	867	4
ARMOR	1118PRO2	VT2P	111	246.4	14.0	1	34.3	862	5
LG SEEDS	LG62C35VT2	VT2P	112	245.7	14.2	1	34.0	860	7
GREAT HEART	HT-7256DGVT2P	VT2P,DG,B	112	245.3	14.3	1	34.3	858	8
GOLDEN HARVEST	G12U17-3010	3010	112	243.3	14.7	1	34.3	851	9
WYFFELS	W6826	VT2P	111	242.2	14.0	9	34.3	848	10
ARMOR	1227PRO2	VT2P	112	241.4	14.5	2	34.0	845	11
PIONEER	P1138AM GC	AM	111	240.6	14.4	2	34.0	842	12
NUTECH	5FB-9909AM	AM,B	109	240.5	13.9	1	34.3	842	13
DYNA-GRO	D52VC63	VT2P	112	239.8	14.4	1	34.0	839	14
WYFFELS	W7456RIB	VT2P,B	112	239.6	15.5	5	34.0	835	16
GREAT HEART	HT-7123VT2P	VT2P,B	111	239.4	14.1	1	34.8	838	15
FS INVISION	FS 6194V RIB	VT2P,B	111	238.2	14.3	3	34.0	834	17
RENK	RK807SSTX	STX	111	238.1	14.1	1	34.0	833	18
ARMOR	X9110	VT2P	108	238.0	14.5	1	34.5	833	19
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	235.9	14.1	1	34.5	825	20
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	235.3	14.0	3	34.5	823	21
AXIS	63D28	VT2P,B	112	235.3	14.2	1	34.8	823	22
AUGUSTA	A3058	3120,A,B	108	234.9	14.0	1	34.0	822	23
NK BRAND	NK1205-3120-EZR	3120,B	112	234.5	14.4	1	34.0	821	24
STONE	5952RIB	VT2P,B	109	233.8	13.9	1	34.0	818	25
WYFFELS	W6956RIB	VT2P,B	111	233.8	14.0	1	34.3	818	26
NUTECH	70B2Q	QR,B	110	233.6	14.2	1	34.0	818	27
DYNA-GRO	D51VC67	VT2P	110	232.6	14.1	3	34.3	814	28
FS INVISION	FS 58RL1 EZR	3220,B	108	232.0	14.7	5	34.0	812	29
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108	231.9	14.1	1	34.5	812	30
AXIS	62A28	VT2P,B	112	230.9	14.7	2	34.0	808	31
PIONEER	P1366AM CK	AM,B	113	246.1	14.3	1	34.8	861	6
				Averages =	235.9	14.3	2	34.2	826
William Schelp				LSD (0.10) =	9.9	0.3	4		
William Schelp				LSD (0.25) =	5.2	0.1	2		
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	4.6				

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

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

2019 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] MARION, IL

Brian Taylor, Williamson County, IL 62959

Full-Season Test 113 - 117 Day CRM
B2019ILSO05b

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / XtendiMax

SOIL DESCRIPTION: Belknap silt loam, mod. well
drained, non-irrigated

SOIL CONDITION: Conventional W/O Fall Till,
medium P, medium K, 5.7 pH,
2.2% OM, 10.4 CEC

PEST MANAGEMENT: Acuron, Atrazine, Roundup,
Force 3g

FERTILITY - Applied N: 230 Spring, 40 Sidedress

Applied N-P-K (units): 270-102-0

SEEDED - RATE - ROW: May 18 34.7 /A 30" spacing

HARVESTED - STAND: Oct 22 34.2 /A

TEST COMMENTS:

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Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
FS INVISION	FS 6595V RIB	VT2P,B	115	265.9	15.9	1	34.0	923	1	
DEKALB	DKC64-35RIB GC	VT2P,B	114	262.7	15.6	1	34.0	914	2	
SUN PRAIRIE	SPX9883VT2P	VT2P	113	261.4	15.5	1	34.8	911	3	
NUTECH	75G1AM	AM,B	115	259.0	15.7	2	34.0	900	4	
STONE	6542RIB	VT2P,B	115	257.0	15.3	1	34.3	897	5	
LG SEEDS	LG5643VT2RIB	VT2P,B	113	255.6	15.1	1	34.5	894	6	
DYNA-GRO	D55VC80	VT2P	115	255.2	15.9	1	34.0	885	8	
WYFFELS	W8936DG	VT2P,DG,B	117	254.6	15.6	1	34.0	886	7	
SUN PRAIRIE	SP2885VT2P	VT2P	114	254.3	15.8	1	33.8	883	9	
PIONEER	P1637AM GC	AM,B	116	252.6	15.4	1	34.3	880	10	
GOLDEN HARVEST	G14N11-3110	3110	114	250.7	14.8	1	34.8	877	11	
GREAT HEART	HT-7302VT2P	VT2P,B	113	249.2	15.7	2	34.5	866	12	
DYNA-GRO	D54VC14	VT2P	114	246.8	15.3	2	34.3	861	13	
STONE	6632RIB	VT2P,B	116	246.1	16.8	1	34.0	846	20	
RENK	RK945DGV2P	VT2P,DG,B	115	245.2	15.0	2	34.5	858	14	
RENK	RK965VT2P	VT2P,B	116	244.2	15.6	1	34.0	849	16	
STONE	6738RIB	STX,B	117	243.9	15.3	2	34.0	852	15	
WYFFELS	W8646RIB	VT2P,B	116	243.7	15.7	1	34.3	847	19	
FS INVISION	FS 66ZV1 RIB	VT2P,B	116	242.8	16.1	1	34.3	841	22	
WYFFELS	W7956	VT2P	114	242.7	14.5	1	34.3	849	17	
LG SEEDS	LG5650VT2RIB	VT2P,B	115	241.9	15.1	1	33.8	846	21	
NK BRAND	NK1573-3330-EZR	3330,B	115	240.0	14.8	10	34.0	840	23	
LG SEEDS	LG64C30TRE	TRE,B	114	239.8	15.1	2	34.0	838	24	
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114	239.4	15.0	1	33.5	838	25	
FS INVISION	FS 64SV1 RIB	VT2P,B	114	238.1	14.4	8	34.0	833	26	
PIONEER	P1380AM GC	AM	113	237.8	14.6	1	34.0	832	27	
FS INVISION	FS 67SV1 RIB	VT2P,B	117	236.2	16.0	3	34.0	818	29	
NUTECH	5FB-2213AM	AM,B	113	236.2	14.9	1	34.0	827	28	
ARMOR	1447PRO2	VT2P	114	234.2	15.2	2	34.3	818	30	
NK BRAND	NK1460-3110	3110	114	233.1	14.7	1	33.5	816	31	
PIONEER	P1366AM CK	AM,B	113	242.2	14.4	1	35.0	848	18	
				Averages =	240.2	15.1	2	34.2	838	
William Schelp				LSD (0.10) =	12.5	0.4	2			
William Schelp				LSD (0.25) =	6.6	0.2	1			
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	5.7					

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.035 Prices: GMO = \$3.50; non-GMO = \$3.50

Report Date: 11/15/2019

† 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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2019 Corn - Illinois South [ILSO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	1118PRO2	VT2P	111
ARMOR	1227PRO2	VT2P	112
ARMOR	1299PRO2	VT2P	112
ARMOR	X9110	VT2P	108
AUGUSTA	A3058	3120,A,B	108
AXIS	60K23	VT2P,B	110
AXIS	62A28	VT2P,B	112
AXIS	63D28	VT2P,B	112
DEKALB	DKC62-53RIB GC	VT2P,B	112
DYNA-GRO	D51VC67	VT2P	110
DYNA-GRO	D52VC63	VT2P	112
FS INVISION	FS 58RL1 EZR	3220,B	108
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 6194V RIB	VT2P,B	111
FS INVISION	FS 62ZV1 RIB	VT2P,B	112
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110
GOLDEN HARVEST	G12U17-3010	3010	112
GREAT HEART	HT-7123VT2P	VT2P,B	111
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112
LG SEEDS	LG62C02VT2RIB	VT2P,B	112
LG SEEDS	LG62C35VT2	VT2P	112
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NK BRAND	NK1205-3120-EZR	3120,B	112
NUTECH	5FB-8808AM	AM,B	108
NUTECH	5FB-9909AM	AM,B	109
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
PIONEER	P1138AM GC	AM	111
PIONEER	P1366AM CK	AM,B	113
RENK	RK807SSTX	STX	111
RENK	RK842SSTX	STX,B	112
STONE	5952RIB	VT2P,B	109
STONE	6182RIB	VT2P,B	111

Company/Brand	Brand/Product	Technology	RM
WYFFELS	W6826	VT2P	111
WYFFELS	W6956RIB	VT2P,B	111
WYFFELS	W7198	STX	112
WYFFELS	W7456RIB	VT2P,B	112

2019 Corn - Illinois South [ILSO]

Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM
ARMOR	1447PRO2	VT2P	114
AUGUSTA	A4465	3110,B	115
DEKALB	DKC64-35RIB GC	VT2P,B	114
DYNA-GRO	D54VC14	VT2P	114
DYNA-GRO	D55VC80	VT2P	115
FS INVISION	FS 63ZV1 RIB	VT2P,B	113
FS INVISION	FS 64SV1 RIB	VT2P,B	114
FS INVISION	FS 6595V RIB	VT2P,B	115
FS INVISION	FS 66ZV1 RIB	VT2P,B	116
FS INVISION	FS 67SV1 RIB	VT2P,B	117
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113
GOLDEN HARVEST	G14N11-3110	3110	114
GOLDEN HARVEST	G15L32-3330-EZR	3330,B	115
GREAT HEART	HT-7302VT2P	VT2P,B	113
GREAT HEART	HT-7381VT2P	VT2P,B	113
GREAT HEART	HT-7425DGVT2P	VT2P,DG,B	114
HEFTY	H6714SSRIB	STX,B	117
LG SEEDS	LG5643VT2RIB	VT2P,B	113
LG SEEDS	LG5650VT2RIB	VT2P,B	115
LG SEEDS	LG64C30TRE	TRE,B	114
NK BRAND	NK1354-3220-EZR	3220,B	113
NK BRAND	NK1460-3110	3110	114
NK BRAND	NK1573-3330-EZR	3330,B	115
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5FB-6313AM	AM,B	113
NUTECH	74J1AML	OL,B	114
NUTECH	75D2AM	AM,B	115
NUTECH	75G1AM	AM,B	115
PIONEER	P1366AM CK	AM,B	113
PIONEER	P1380AM GC	AM	113
PIONEER	P1464AML GC	AM	114
PIONEER	P1637AM GC	AM,B	116
RENK	9-115SSTX	STX	115
RENK	RK937VT2P	VT2P,B	113
RENK	RK945DGVT2P	VT2P,DG,B	115
RENK	RK961VT2P	VT2P,B	116

Company/Brand	Brand/Product	Technology	RM
RENK	RK965VT2P	VT2P,B	116
STONE	6362RIB	VT2P,B	113
STONE	6542RIB	VT2P,B	115
STONE	6632RIB	VT2P,B	116
STONE	6738RIB	STX,B	117
SUN PRAIRIE	SP2885VT2P	VT2P	114
SUN PRAIRIE	SPX9883VT2P	VT2P	113
WYFFELS	W7726	VT2P	113
WYFFELS	W7878	STX	114
WYFFELS	W7956	VT2P	114
WYFFELS	W8646RIB	VT2P,B	116
WYFFELS	W8936DG	VT2P,DG,B	117

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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