

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

## 2019 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL  
Klint Tucker, Effingham County, IL 62401

<b>Early-Season Test</b>	107 - 112 Day CRM B2019ILSO02a
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Prefix, FeXapan, glyphosate
<b>SOIL DESCRIPTION:</b>	Bluford silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, high P, medium K, 5.4 pH, 2.0% OM, 10.9 CEC
<b>PEST MANAGEMENT:</b>	Acuron, Atrazine, Force 3g
<b>FERTILITY - Applied N:</b>	171 Planter, 23 Sidedress
<b>Applied N-P-K (units):</b>	194-69-0
<b>SEDED - RATE - ROW:</b>	May 31 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 6 32.2 /A

### TEST COMMENTS:

*At the very first opportunity, as soil conditions allowed, this trial was seeded. Klint, our host farmer, was planting the same day in his surrounding field. Emergence was quick and very uniform. Regular rainfall and a mostly favorable growing season seemed to help these hybrids progress nicely. At harvest, no lodging was observed. This trial finished strong.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
WYFFELS	W6826	VT2P	111	<b>279.9</b>	20.4	1	32.5	927	1
GREAT HEART	HT-7123VT2P	VT2P,B	111	<b>272.8</b>	21.0	1	32.3	898	4
DYNA-GRO	D51VC67	VT2P	110	<b>271.2</b>	19.8	1	32.3	903	2
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108	<b>271.2</b>	20.4	1	32.3	897	5
STONE	6182RIB	VT2P,B	111	269.2	21.7	1	32.0	880	9
ARMOR	1118PRO2	VT2P	111	267.9	20.3	1	32.0	888	7
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	267.7	19.0	1	32.0	900	3
NUTECH	5FB-8808AM	AM,B	108	264.9	18.8	1	31.5	892	6
ARMOR	X9110	VT2P	108	263.9	19.3	1	32.0	884	8
ARMOR	1299PRO2	VT2P	112	263.7	20.4	1	32.3	873	12
FS INVISION	FS 6194V RIB	VT2P,B	111	263.1	20.1	1	32.3	874	10
AXIS	60K23	VT2P,B	110	263.0	20.1	1	32.3	873	13
AXIS	63D28	VT2P,B	112	262.9	20.7	1	32.0	868	15
AXIS	62A28	VT2P,B	112	262.6	20.6	1	31.8	867	17
WYFFELS	W7456RIB	VT2P,B	112	262.6	21.8	1	31.8	856	20
WYFFELS	W6956RIB	VT2P,B	111	261.9	20.6	1	32.3	865	19
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	261.8	19.6	1	32.5	874	11
ARMOR	1227PRO2	VT2P	112	261.6	20.1	1	32.5	869	14
LG SEEDS	LG62C35VT2	VT2P	112	261.4	20.2	1	32.5	867	18
PIONEER	P1138AM GC	AM	111	259.5	19.4	1	32.3	868	16
AUGUSTA	A3058	3120,A,B	108	258.2	20.5	1	32.0	853	21
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	257.8	20.6	1	32.0	852	22
GOLDEN HARVEST	G12U17-3010	3010	112	257.7	21.4	1	32.3	844	26
RENK	RK842SSTX	STX,B	112	255.9	20.6	1	32.8	846	25
GREAT HEART	HT-7256DGV2P	VT2P,DG,B	112	255.4	20.1	1	32.3	848	24
RENK	RK807SSTX	STX	111	253.7	20.6	1	32.5	839	27
DYNA-GRO	D52VC63	VT2P	112	253.5	20.8	2	32.0	836	28
STONE	5952RIB	VT2P,B	109	252.6	18.8	1	32.0	851	23
DEKALB	DKC62-53RIB GC	VT2P,B	112	252.0	20.2	1	32.0	836	29
NUTECH	69A6Q	QR,B	109	251.2	20.0	1	32.0	835	30
PIONEER	P1366AM CK	AM,B	113	248.1	20.0	1	32.3	825	33

*William Schelp*

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Averages =	<b>257.1</b>	<b>20.2</b>	<b>1</b>	<b>32.2</b>	<b>853</b>
LSD (0.10) =	13.4	0.8	ns		
LSD (0.25) =	7.0	0.4	ns		
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: 11/08/2019

Revised: 11/08/2019 None

Additional reports available at [www.firstseedtests.com](http://www.firstseedtests.com)

† 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 Grain Top 30 Harvest Report

Illinois South [ILSO] EFFINGHAM, IL  
Klint Tucker, Effingham County, IL 62401

<b>Full-Season Test</b>	113 - 117 Day CRM B2019ILSO02b
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / Prefix, FeXapan, glyphosate
<b>SOIL DESCRIPTION:</b>	Bluford silt loam, mod. poorly drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, high P, medium K, 5.4 pH, 2.0% OM, 10.9 CEC
<b>PEST MANAGEMENT:</b>	Acuron, Atrazine, Force 3g
<b>FERTILITY - Applied N:</b>	171 Planter, 23 Sidedress
<b>Applied N-P-K (units):</b>	194-69-0
<b>SEDED - RATE - ROW:</b>	May 31 32.4 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 6 32.2 /A

### TEST COMMENTS:

*At the very first opportunity, as soil conditions allowed, this trial was seeded. Klint, our host farmer, was planting the same day in his surrounding field. Emergence was quick and very uniform. Regular rainfall and a mostly favorable growing season seemed to help these hybrids progress nicely. At harvest, no lodging was observed. This trial finished strong.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	D54VC14	VT2P	114	<b>275.5</b>	22.7	1	32.3	890	1
LG SEEDS	LG64C30TRE	TRE,B	114	<b>269.8</b>	22.3	1	32.0	875	2
FS INVISON	FS 6595V RIB	VT2P,B	115	<b>269.2</b>	23.0	1	32.0	867	3
LG SEEDS	LG5643VT2RIB	VT2P,B	113	<b>264.2</b>	23.1	1	32.5	850	4
NK BRAND	NK1460-3110	3110	114	<b>262.3</b>	23.3	1	32.5	842	8
RENK	RK961VT2P	VT2P,B	116	<b>262.1</b>	22.7	1	32.0	847	6
FS INVISON	FS 64SV1 RIB	VT2P,B	114	<b>261.9</b>	22.2	1	32.8	850	5
WYFFELS	W7956	VT2P	114	261.3	23.0	1	32.0	841	9
GREAT HEART	HT-7302VT2P	VT2P,B	113	260.7	24.5	1	32.7	826	14
RENK	RK945DGV2P	VT2P,DG,B	115	260.7	23.5	1	32.0	835	11
RENK	RK965VT2P	VT2P,B	116	260.1	23.8	1	32.3	831	12
FS INVISON	FS 63ZV1 RIB	VT2P,B	113	259.2	22.8	1	32.3	837	10
NUTECH	5FB-2213AM	AM,B	113	258.9	21.9	1	32.5	844	7
DYNA-GRO	D55VC80	VT2P	115	257.4	24.9	1	32.0	811	20
WYFFELS	W8936DG	VT2P,DG,B	117	257.2	24.3	1	32.7	817	18
LG SEEDS	LG5650VT2RIB	VT2P,B	115	257.0	22.9	1	32.5	829	13
WYFFELS	W7878	STX	114	256.8	23.6	1	32.0	821	16
STONE	6632RIB	VT2P,B	116	256.7	24.4	1	32.0	814	19
ARMOR	1447PRO2	VT2P	114	255.6	22.6	2	32.3	826	15
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114	255.2	23.2	1	32.8	820	17
STONE	6542RIB	VT2P,B	115	255.1	25.1	1	32.3	803	28
PIONEER	P1464AML GC	AM	114	252.3	23.1	1	32.5	811	21
WYFFELS	W7726	VT2P	113	251.8	23.2	1	32.0	809	23
NK BRAND	NK1573-3330-EZR	3330,B	115	251.3	23.1	1	32.0	809	24
HEFTY	H6714SSRIB	STX,B	117	250.8	23.1	1	32.0	806	25
AUGUSTA	A4465	3110,B	115	250.0	24.3	1	32.0	794	31
STONE	6362RIB	VT2P,B	113	249.5	22.7	1	32.0	806	26
WYFFELS	W8646RIB	VT2P,B	116	247.5	23.0	1	32.3	797	29
NUTECH	75G1AM	AM,B	115	246.9	21.9	1	32.3	805	27
RENK	9-115SSTX	STX	115	246.4	22.7	1	32.0	796	30
PIONEER	P1366AM CK	AM,B	113	248.7	22.0	1	32.0	810	22

Averages = **251.2** **23.2** **1** **32.2** **807**

LSD (0.10) = 10.2 1.1 ns

LSD (0.25) = 5.3 0.6 ns

C.V. = 4.4

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

Report Date: 11/08/2019

Revised: 11/08/2019 None

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† 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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**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

**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-7425DGV2P	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	RK945DGV2P	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

<sup>^</sup> 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®TRIssect (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.