

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

2019 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

Early-Season Test	107 - 112 Day CRM B2019ILSO01a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup PowerMax, Prefix, Quadris Top SBX
SOIL DESCRIPTION:	Edwardsville silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, low P, low K, 5.3 pH, 2.3% OM, 15.9 CEC
PEST MANAGEMENT:	Acuron, Atrazine, Glyphosate, Trivapro, Force 3g
FERTILITY - Applied N:	220 Spring
Applied N-P-K (units):	220-0-0
SEEDED - RATE - ROW:	Jun 1 34.7 /A 30" spacing
HARVESTED - STAND:	Nov 9 34.2 /A

TEST COMMENTS:

Seeding went smoothly with great soil planting conditions. Emergence was quick and uniform. Timely and recurring rainfall continued throughout a mostly favorable growing season. Even after the wet spring planting delays, the rains continued. Yield seemed to respond quite positively. Moist soil conditions did lead to hybrid specific root lodging by harvest. A very good trial overall.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GREAT HEART	HT-7256DGVT2P	VT2P,DG,B	112	282.2	17.2	1	34.0	966	1
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	271.5	16.6	2	34.3	935	2
AXIS	63D28	VT2P,B	112	267.8	17.0	1	34.0	919	3
WYFFELS	W7198	STX	112	267.7	18.1	1	34.3	908	4
WYFFELS	W6956RIB	VT2P,B	111	263.8	17.2	2	34.3	903	6
NUTECH	68B3AML	OL,B	108	263.4	16.8	1	34.0	905	5
WYFFELS	W7456RIB	VT2PB	112	262.8	18.4	1	35.0	889	9
GREAT HEART	HT-7123VT2P	VT2P,B	111	262.5	16.9	1	34.3	901	7
DYNA-GRO	D51VC67	VT2P	110	259.0	17.3	1	34.0	886	10
DEKALB	DKC62-53RIB GC	VT2P,B	112	258.6	17.4	1	34.3	883	11
ARMOR	1118PRO2	VT2P	111	257.5	17.1	1	34.5	882	13
RENK	RK807SSTX	STX	111	257.5	17.4	2	34.5	880	14
ARMOR	X9110	VT2P	108	257.3	16.9	1	34.5	883	12
STONE	6182RIB	VT2P,B	111	257.3	17.8	1	34.3	875	17
NUTECH	69A6Q	QR,B	109	256.7	17.1	3	34.5	880	15
DYNA-GRO	D52VC63	VT2P	112	256.4	17.3	1	34.3	877	16
FS INVISION	FS 6194V RIB	VT2P,B	111	254.2	17.0	1	34.0	872	19
FS INVISION	FS 59VL1 EZR	3220,B	109	253.9	16.6	3	34.3	874	18
ARMOR	1299PRO2	VT2P	112	253.9	17.2	17	34.3	870	20
AXIS	62A28	VT2P,B	112	253.2	17.3	2	34.0	866	24
STONE	5952RIB	VT2P,B	109	253.0	16.8	3	34.3	870	21
AXIS	60K23	VT2P,B	110	252.6	16.8	1	34.5	868	22
NUTECH	5FB-8808AM	AM,B	108	251.9	16.6	2	34.3	868	23
ARMOR	1227PRO2	VT2P	112	251.1	17.4	1	34.3	858	25
LG SEEDS	LG62C35VT2	VT2P	112	250.1	17.1	1	34.0	857	26
FS INVISION	FS 58RL1 EZR	3220,B	108	249.2	17.3	1	34.0	852	28
FS INVISION	FS 60UV1 RIB	VT2P,B	110	248.3	16.9	1	34.5	853	27
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	246.8	17.1	1	34.3	845	29
NUTECH	5FB-9909AM	AM,B	109	245.4	16.6	6	34.3	845	30
WYFFELS	W6826	VT2P	111	243.0	17.2	8	34.5	832	31
PIONEER	P1366AM CK	AM,B	113	260.4	17.1	1	34.3	892	8
				Averages =	252.1	17.1	4	34.2	864
William Schelp				LSD (0.10) =	9.4	0.4	8		
William Schelp				LSD (0.25) =	4.9	0.2	4		
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	4.1				

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 Grain Top 30 Harvest Report

Illinois South [ILSO] BELLEVILLE, IL
John Barttelbort, St. Clair County, IL 62221

Full-Season Test	113 - 117 Day CRM B2019ILSO01b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Roundup PowerMax, Prefix, Quadris Top SBX
SOIL DESCRIPTION:	Edwardsville silt loam, moderately drained, non- irrigated
SOIL CONDITION:	Conventional W/O Fall Till, low P, low K, 5.3 pH, 2.3% OM, 15.9 CEC
PEST MANAGEMENT:	Acuron, Atrazine, Glyphosate, Trivapro, Force 3g
FERTILITY - Applied N:	220 Spring
Applied N-P-K (units):	220-0-0
SEEDED - RATE - ROW:	Jun 1 34.7 /A 30" spacing
HARVESTED - STAND:	Nov 9 34.1 /A

TEST COMMENTS:

Seeding went smoothly with great soil planting conditions. Emergence was quick and uniform. Timely and recurring rainfall continued throughout a mostly favorable growing season. Even after the wet spring planting delays, the rains continued. Yield seemed to respond quite positively. Moist soil conditions did lead to hybrid specific root lodging by harvest. A very good trial overall.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
WYFFELS	W8936DG	VT2P,DG,B	117	278.3	18.9	1	34.0	936	1
FS INVISION	FS 6595V RIB	VT2P,B	115	277.9	19.2	8	34.5	932	2
RENK	RK965VT2P	VT2P,B	116	273.6	18.9	2	34.0	920	3
STONE	6632RIB	VT2P,B	116	273.1	19.1	2	34.0	917	4
SUN PRAIRIE	SP2885VT2P	VT2P	114	271.5	19.5	1	34.5	907	7
WYFFELS	W7956	VT2P	114	268.6	18.0	2	34.0	912	5
DYNA-GRO	D55VC80	VT2P	115	268.0	19.1	2	34.3	899	10
GREAT HEART	HT-7302VT2P	VT2P,B	113	267.6	18.4	5	34.3	905	8
GOLDEN HARVEST	G14N11-3110	3110	114	267.1	17.9	1	34.0	908	6
SUN PRAIRIE	SPX9883VT2P	VT2P	113	266.9	18.5	1	34.0	902	9
PIONEER	P1637AM GC	AM,B	116	265.3	19.0	3	34.0	891	14
NK BRAND	NK1460-3110	3110	114	262.9	17.9	1	34.3	894	12
RENK	9-115SSTX	STX	115	262.8	18.5	1	33.8	888	16
HEFTY	H6714SSRIB	STX,B	117	262.7	19.5	1	34.3	878	20
WYFFELS	W7878	STX	114	262.2	17.6	1	34.0	894	13
WYFFELS	W8646RIB	VT2P,B	116	262.0	18.4	3	34.8	885	18
FS INVISION	FS 63ZV1 RIB	VT2P,B	113	261.0	17.5	1	34.3	890	15
DEKALB	DKC64-35RIB GC	VT2P,B	114	260.3	18.1	1	34.3	883	19
PIONEER	P1380AM GC	AM	113	260.2	17.5	26	34.3	888	17
GREAT HEART	HT-7425DGVT2P	VT2P,DG,B	114	259.6	18.7	1	34.0	875	22
LG SEEDS	LG64C30TRE	TRE,B	114	258.9	18.7	1	34.5	873	23
<i>FS INVISION</i>	<i>FS 67SV1 RIB</i>	<i>VT2P,B</i>	117	258.3	19.7	1	34.3	862	27
RENK	RK945DGVT2P	VT2P,DG,B	115	258.2	19.1	1	33.8	867	26
LG SEEDS	LG5650VT2RIB	VT2P,B	115	258.2	17.9	1	34.3	878	21
ARMOR	1447PRO2	VT2P	114	257.7	18.2	5	34.3	873	24
WYFFELS	W7726	VT2P	113	256.4	18.1	3	34.5	870	25
STONE	6362RIB	VT2P,B	113	254.1	18.0	5	34.0	862	28
STONE	6542RIB	VT2P,B	115	253.7	19.6	7	34.0	847	30
RENK	RK937VT2P	VT2P,B	113	252.9	18.0	1	34.3	858	29
FS INVISION	FS 64SV1 RIB	VT2P,B	114	249.0	17.9	14	33.8	846	31
PIONEER	P1366AM CK	AM,B	113	263.4	17.5	1	34.0	899	11
				Averages =	251.6	18.5	7	34.1	850
William Schelp				LSD (0.10) =	11.2	0.5	9		
William Schelp				LSD (0.25) =	5.9	0.3	5		
william.schelp@firstseedtests.com, (573) 819-7968				C.V. =	4.9				

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.