

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

2019 Corn Grain Top 30 Harvest Report

Illinois South [ILSO] SALEM, IL

Tom Beyers, Marion County, IL 62870

Early-Season Test	107 - 112 Day CRM B2019ILSO03a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Flexstar, glyphosate
SOIL DESCRIPTION:	Hoyleton-Darmstadt silt loam, poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, low K, 6.2 pH, 1.6% OM, 8.8 CEC
PEST MANAGEMENT:	Sencor, Trizmet II, Mesotrione, Glyphosate, Force 3g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEDED - RATE - ROW:	Jun 2 28.4 /A 30" spacing
HARVESTED - STAND:	Nov 20 27.3 /A

TEST COMMENTS:

Frequent and persistent rainfall delayed planting. Like many other FIRST sites, rainfall seemed to follow planting. Some ponding reduced stands a bit in isolated pockets, more so in the full season test. At harvest, most all plants stood well with efficient shelling of mature plants. Given the challenges of an abnormally wet year, this location did well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG SEEDS	LG62C35VT2	VT2P	112	196.1	18.4	1	28.3	663	1
FS INVISON	FS 62ZV1 RIB	VT2P,B	112	195.9	18.6	1	27.0	661	2
WYFFELS	W7198	STX	112	194.6	19.3	1	27.0	652	6
WYFFELS	W7456RIB	VT2P,B	112	193.9	19.2	1	28.3	650	7
ARMOR	1227PRO2	VT2P	112	193.1	18.3	1	27.8	654	4
NUTECH	68B3AML	OL,B	108	192.7	18.0	1	28.0	654	5
NUTECH	5FB-9909AM	AM,B	109	192.0	17.2	1	28.3	657	3
GREAT HEART	HT-7256DGVT2P	VT2P,DG,B	112	190.4	18.3	1	28.3	645	8
DYNA-GRO	D52VC63	VT2P	112	190.3	18.6	1	27.0	642	13
AXIS	62A28	VT2P,B	112	189.9	18.1	1	26.0	644	10
NUTECH	5FB-8808AM	AM,B	108	188.9	17.4	1	27.5	645	9
AXIS	60K23	VT2P,B	110	188.3	18.2	1	27.3	638	14
STONE	5952RIB	VT2P,B	109	187.9	17.3	1	28.3	643	12
ARMOR	X9110	VT2P	108	186.2	18.5	1	28.0	629	15
WYFFELS	W6826	VT2P	111	184.3	18.0	1	28.3	625	16
NUTECH	69A6Q	QR,B	109	184.0	18.1	1	27.3	624	17
RENK	RK842SSTX	STX,B	112	182.4	18.8	1	26.8	614	19
STONE	6182RIB	VT2P,B	111	182.1	19.2	1	28.3	611	21
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	181.3	17.9	1	27.8	616	18
DYNA-GRO	D51VC67	VT2P	110	180.9	18.2	1	25.0	613	20
DEKALB	DKC62-53RIB GC	VT2P,B	112	180.5	18.3	1	27.5	611	22
FS INVISON	FS 6194V RIB	VT2P,B	111	178.8	18.3	1	27.5	605	23
AXIS	63D28	VT2P,B	112	177.6	18.2	1	27.3	602	24
NUTECH	70B2Q	QR,B	110	176.5	18.0	1	28.0	599	25
GOLDEN HARVEST	G12U17-3010	3010	112	175.8	18.8	1	25.3	592	28
AUGUSTA	A3058	3120,A,B	108	175.2	18.3	1	26.8	593	26
FS INVISON	FS 60UV1 RIB	VT2P,B	110	174.5	17.9	1	28.0	593	27
GOLDEN HARVEST	G08D29-3120A-EZR	3120,A,B	108	173.9	18.4	1	28.3	588	29
RENK	RK807SSTX	STX	111	173.5	18.3	1	26.8	588	30
FS INVISON	FS 59VL1 EZR	3220,B	109	173.3	18.4	1	28.5	586	31
PIONEER	P1366AM CK	AM,B	113	189.5	18.1	1	26.5	643	11

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Averages =	180.2	18.3	1	27.3	610
LSD (0.10) =	10.2	0.4	ns		
LSD (0.25) =	5.4	0.2	ns		
C.V. =	6.2				

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] SALEM, IL

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Full-Season Test	113 - 117 Day CRM B2019ILSO03b
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Flexstar, glyphosate
SOIL DESCRIPTION:	Hoyleton-Darmstadt silt loam, poorly drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, medium P, low K, 6.2 pH, 1.6% OM, 8.8 CEC
PEST MANAGEMENT:	Sencor, Trizmet II, Mesotrione, Glyphosate, Force 3g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEDED - RATE - ROW:	Jun 2 28.4 /A 30" spacing
HARVESTED - STAND:	Nov 20 25.7 /A

TEST COMMENTS:

Frequent and persistent rainfall delayed planting. Like many other FIRST sites, rainfall seemed to follow planting. Some ponding reduced stands a bit in isolated pockets, more so in the full season test. At harvest, most all plants stood well with efficient shelling of mature plants. Given the challenges of an abnormally wet year, this location did well.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
STONE	6362RIB	VT2P,B	113	200.4	19.1	1	28.8	673	1
STONE	6542RIB	VT2P,B	115	193.6	19.7	1	26.8	646	2
STONE	6632RIB	VT2P,B	116	190.8	20.2	1	27.8	633	3
PIONEER	P1637AM GC	AM,B	116	189.4	19.5	1	28.3	633	4
DYNA-GRO	D55VC80	VT2P	115	188.1	21.3	1	28.0	617	7
NUTECH	75G1AM	AM,B	115	185.8	19.7	1	26.8	620	5
PIONEER	P1464AML GC	AM	114	185.8	19.9	1	28.5	618	6
WYFFELS	W8936DG	VT2P,DG,B	117	184.7	19.6	1	28.5	617	8
ARMOR	1447PRO2	VT2P	114	183.4	19.1	1	25.0	615	9
DYNA-GRO	D54VC14	VT2P	114	183.1	19.3	1	26.0	613	10
FS INVISION	FS 6595V RIB	VT2P,B	115	182.8	20.4	1	26.5	606	13
RENK	RK937VT2P	VT2P,B	113	182.0	19.2	1	28.3	610	11
NUTECH	5FB-6313AM	AM,B	113	181.0	19.0	1	25.8	608	12
NUTECH	74J1AML	OL,B	114	179.5	19.3	1	24.0	601	14
LG SEEDS	LG64C30TRE	TRE,B	114	178.4	19.3	1	27.0	597	17
WYFFELS	W8646RIB	VT2P,B	116	178.0	20.0	1	26.3	592	18
NUTECH	75D2AM	AM,B	115	177.5	18.5	1	27.5	600	15
GREAT HEART	HT-7425DGVT2P	VT2P,DG,B	114	176.6	19.5	1	27.3	590	20
GREAT HEART	HT-7381VT2P	VT2P,B	113	176.6	19.8	1	22.5	588	21
GREAT HEART	HT-7302VT2P	VT2P,B	113	176.5	19.3	1	22.5	591	19
STONE	6738RIB	STX,B	117	176.1	19.8	1	28.5	587	23
FS INVISION	FS 64SV1 RIB	VT2P,B	114	175.0	19.6	1	25.8	584	24
PIONEER	P1380AM GC	AM	113	174.8	18.9	1	27.3	588	22
GOLDEN HARVEST	G15L32-3330-EZR	3330,B	115	174.4	19.3	1	25.0	584	25
RENK	RK961VT2P	VT2P,B	116	173.4	19.0	1	26.8	583	26
SUN PRAIRIE	SPX9883VT2P	VT2P	113	172.7	20.0	1	28.3	574	27
NUTECH	5FB-2213AM	AM,B	113	169.8	19.0	1	26.5	571	28
LG SEEDS	LG5650VT2RIB	VT2P,B	115	168.8	19.7	1	26.3	563	29
AUGUSTA	A4465	3110,B	115	168.6	20.4	1	23.0	558	31
GOLDEN HARVEST	G13Z50-3220-EZR	3220,B	113	167.5	19.0	1	24.0	563	30
PIONEER	P1366AM CK	AM,B	113	177.3	18.6	1	25.8	598	16
				Averages =	172.8	19.6	1	25.7	577
				LSD (0.10) =	14.8	0.5	ns		
				LSD (0.25) =	7.8	0.3	ns		
				C.V. =	9.4				

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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: 12/02/2019

† 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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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

[^] 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.