

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

2019 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] SWEET SPRINGS

Bruce Strobel, Johnson County, MO 64020

All-Season Test 107 - 117 Day CRM
B2019MOCE02

Top 30 of 48 For Gross Income
(Sorted by Yield)
Average of (3) Replications

PREV. CROP/HERB: Soybean / XtendiMax

SOIL DESCRIPTION: Haig silt loam, mod. poor
drained

SOIL CONDITION: Minimum W/O Fall Till, very
high P, medium K, 5.9 pH,
3.1% OM, 15.3 CEC

PEST MANAGEMENT: Atrazine, Stalwart, Trizar,
Buccaneer, Mustang Max,
Force 3g

FERTILITY - Applied N: 180 Spring

Applied N-P-K (units): 180-0-0

SEEDED - RATE - ROW: Apr 26 30.4 /A 30"
spacing

HARVESTED - STAND: Oct 7 26.8 /A

TEST COMMENTS:

We experienced a new all-time record amount of precipitation in Missouri for the month of May. Bruce mentioned he replanted more corn acres this year than ever before. Some ponding and stand variability was observed. However, we decided to take the trial to yield, and let the cards fall where they may. The data had to be rejected due to high yield variability.

Company/Brand	Product/Brand	Tested †	RR	Yield Bu/A	Moisture %	Shrink %	Stand %	Gross Income \$/Acre	Rank
LEWIS	103P88	VTOPB	116	237.8	15.7	1	26.6	627	1
FB INVISION	FB 622V1 88	VTOPB	112	237.1	16.5	1	26.9	617	2
FB INVISION	FB 622V1 88	VTOPB	119	232.3	17.3	1	26.2	790	3
NUTECH	720146	AKLB	116	235.7	16.8	1	30.3	788	4
GREAT HEART	HT 7202V10P	VTOPB	113	235.8	16.2	1	27.4	784	5
NUTECH	878-221346	AKLB	117	235.7	16.6	1	30.3	777	6
LEWIS	103P87	VTOPB	117	235.2	17.0	1	26.1	773	7
DEKALB	DKC64-399B GC	VTOPB	119	214.8	17.0	1	26.3	750	8
LEWIS	103P86	VTOPB	117	212.2	16.7	1	26.7	750	9
LG SEEDS	LG640VT08B	VTOPB	113	212.2	16.4	1	30.3	749	11
PIONEER	P173746 GC	AKLB	111	212.2	16.8	1	26.2	751	10
PIONEER	P173746 GC	AKLB	119	214.8	16.0	1	26.2	743	13
LEWIS	103P85	VTOPB	112	212.2	16.4	1	26.6	747	12
LEWIS	103P85	VTOPB	119	214.8	17.2	1	26.3	752	10
LG SEEDS	LG640VT08B	VTOPB	119	212.2	16.4	3	26.2	740	14
FB INVISION	FB 622V1 88	VTOPB	114	210.2	16.5	1	30.2	726	17
NUTECH	882346	AKLB	108	209.0	16.5	1	27.6	726	16
DEKALB	DKC64-399B GC	VTOPB	112	207.3	16.6	2	26.6	721	18
LG SEEDS	LG640VT08B	VTOPB	116	202.8	16.4	1	27.2	750	19
FB INVISION	FB 622V1 88	VTOPB	109	197.1	16.9	1	27.6	694	20
FB INVISION	FB 622V1 88	VTOPB	111	196.7	16.8	1	26.0	693	21
FB INVISION	FB 622V1 88	VTOPB	116	195.0	17.0	1	26.4	699	23
LEWIS	103P84	VTOPDLB	109	194.1	16.3	1	27.1	677	22
FB INVISION	FB 622V1 88	VTOPB	117	193.8	17.1	1	26.2	698	24
GOLDEN HARVEST	GT15-16-333A-E2N	333A, LB	110	188.4	16.5	1	26.2	698	25
GOLDEN HARVEST	GT2017-2010	2010	112	187.8	16.4	4	26.5	647	27
NS BRAND	NS1226-3125-E2N	3125, LB	112	187.8	16.8	2	27.0	645	26
LEWIS	103P79	VTOPB	110	186.1	16.3	1	27.0	646	28
NS BRAND	NS1226-333A-E2N	333A, LB	110	185.8	16.5	1	26.1	647	26
LEWIS	103P89	VTOPDLB	114	185.0	16.7	1	26.6	638	30

REJECTED

William Schelp

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Averages = **190.7** **16.2** **3** **26.8** **659**
LSD (0.10) = 50.0 0.5 8
LSD (0.25) = 26.2 0.3 4
C.V. = 24.9

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

Report Date: 10/09/2019

Additional reports available at 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 - Missouri Central [MOCE]

All-Season Test Products (48 Total)

Company/Brand	Brand/Product	Technology	RM
DEKALB	DKC62-53RIB GC	VT2P,B	112
DEKALB	DKC64-35RIB GC	VT2P,B	114
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
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
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	G10L16-3330A-EZR	3330,A,B	110
GOLDEN HARVEST	G12U17-3010	3010	112
GOLDEN HARVEST	G14N11-3110	3110	114
GREAT HEART	HT-7302VT2P	VT2P,B	113
GREAT HEART	HT-7425DGV2P	VT2P,DG,B	114
LEWIS	08DP739	VT2P,B	108
LEWIS	09DD740	VT2P,DG,B	109
LEWIS	10DP719	VT2P,B	110
LEWIS	11DP768	VT2P,B	111
LEWIS	12DP779	VT2P,B	112
LEWIS	14DD849	VT2P,DG,B	114
LEWIS	15DP899	VT2P,B	115
LEWIS	16DP850	VT2P,B	116
LEWIS	16DP887	VT2P,B	116
LEWIS	R1414VT2P	VT2P,B	114
LG SEEDS	LG5643VT2RIB	VT2P,B	113
LG SEEDS	LG5650VT2RIB	VT2P,B	115
LG SEEDS	LG62C02VT2RIB	VT2P,B	112
LG SEEDS	LG62C35VT2	VT2P	112
LG SEEDS	LG64C30TRE	TRE,B	114
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1433-3120-EZR	3120,B	114
NK BRAND	NK1573-3330-EZR	3330,B	115

Company/Brand	Brand/Product	Technology	RM
NUTECH	5FB-1111AM	AM,B	111
NUTECH	5FB-2213AM	AM,B	113
NUTECH	5FB-6313AMXT	AMXT,B	113
NUTECH	5FB-8808AM	AM,B	108
NUTECH	68B3AML	OL,B	108
NUTECH	69A6Q	QR,B	109
NUTECH	70B2Q	QR,B	110
NUTECH	74J1AML	OL,B	114
NUTECH	75G1AM	AM,B	115
PIONEER	P1138AM GC	AM	111
PIONEER	P1197AM GC	AM,B	111
PIONEER	P1298AM GC	AM	112

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

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