



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

2019 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] CONCORDIA

Benjamin Lange, Lafayette County, MO 64020

All-Season Test	107 - 117 Day CRM B2019MOCE01
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean/Liberty, Sonic, Zidua, Select Max
SOIL DESCRIPTION:	Marshall silt loam, well drained, non-irrigated
SOIL CONDITION:	No-till, medium P, high K, 6.1 pH, 3.7% OM, 15.8 CEC
PEST MANAGEMENT:	Stalwart 3w, Callisto, Atrazine, Gold Rush Duo, Firestone, Force 3g
FERTILITY - Applied N:	165 Spring, 10 Foliar Rescue
Applied N-P-K (units):	175-18-18
SEEDING - RATE - ROW:	Apr 16 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 19 30.1 /A

TEST COMMENTS:

We experienced a new all-time record amount of precipitation in Missouri for the month of May. This trial was planted timely. Given the challenge of establishing uniform corn trials in 2019, I am pleased to see this trial made it. Good stalk strength at harvest. Trial had no weed pressure and no disease pressure observed at harvest.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	15DP899	VT2P,B	115	235.5	18.7	1	30.3	794	1
GREAT HEART	HT-7302VT2P	VT2P,B	113	229.8	19.2	1	29.7	771	3
LG SEEDS	LG5650VT2RIB	VT2P,B	115	229.2	19.4	1	30.0	767	4
PIONEER	P1197AM GC	AM,B	111	228.2	18.1	1	30.0	774	2
LEWIS	16DP850	VT2P,B	116	227.9	20.8	1	30.0	751	7
LEWIS	14DD849	VT2P,DG,B	114	227.6	19.8	1	30.7	758	6
FS INVISION	FS 6194V RIB	VT2P,B	111	226.5	18.5	1	29.7	765	5
FS INVISION	FS 6595V RIB	VT2P,B	115	224.5	20.0	1	31.0	747	9
LEWIS	10DP719	VT2P,B	110	221.8	18.8	1	30.0	747	10
NUTECH	74J1AML	OL,B	114	218.9	17.6	1	29.7	746	12
<i>FS INVISION</i>	<i>FS 67SV1 RIB</i>	<i>VT2P,B</i>	<i>117</i>	<i>218.8</i>	<i>22.2</i>	<i>1</i>	<i>29.7</i>	<i>710</i>	<i>21</i>
LG SEEDS	LG64C30TRE	TRE,B	114	218.5	18.9	1	30.0	735	13
NUTECH	69A6Q	QR,B	109	218.3	17.4	1	30.0	746	11
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	216.8	16.5	2	30.7	748	8
DEKALB	DKC62-53RIB GC	VT2P,B	112	216.7	18.6	1	30.7	731	15
NK BRAND	NK1205-3120-EZR	3120,B	112	215.2	18.1	1	30.0	730	16
FS INVISION	FS 64SV1 RIB	VT2P,B	114	214.4	19.1	1	29.7	719	19
NUTECH	68B3AML	OL,B	108	214.2	16.9	1	30.0	735	14
GREAT HEART	HT-7425DGVT2P	VT2P,DG,B	114	212.5	20.4	1	30.7	703	25
NUTECH	75G1AM	AM,B	115	211.8	20.1	1	30.0	704	23
GOLDEN HARVEST	G12U17-3010	3010	112	211.0	17.4	1	31.0	721	17
NUTECH	5FB-1111AM	AM,B	111	210.9	17.8	1	29.3	717	20
LEWIS	09DD740	VT2P,DG,B	109	209.8	16.9	1	29.7	720	18
DEKALB	DKC64-35RIB GC	VT2P,B	114	208.4	19.5	1	30.3	697	26
LEWIS	R1414VT2P	VT2P,B	114	208.3	18.3	1	30.0	705	22
GOLDEN HARVEST	G14N11-3110	3110	114	207.6	19.2	1	30.0	696	27
LG SEEDS	LG5643VT2RIB	VT2P,B	113	207.4	19.8	1	30.0	691	29
<i>LEWIS</i>	<i>16DP887</i>	<i>VT2P,B</i>	<i>116</i>	<i>207.2</i>	<i>22.3</i>	<i>1</i>	<i>30.0</i>	<i>672</i>	<i>35</i>
PIONEER	P1298AM GC	AM	112	205.3	18.6	1	30.3	692	28
FS INVISION	FS 60UV1 RIB	VT2P,B	110	204.8	16.9	1	30.0	703	24

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Averages = **208.6** **18.8** **1** **30.1** **\$703**
LSD (0.10) = 12.5 1.0 ns
LSD (0.25) = 6.6 0.6 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: 09/29/2019

Revised:

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)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3120	Agrisure® 3120 (CB,HX,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3220	Agrisure® Viptera® 3220 (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		
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)		

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