

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

2019 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] MALTA BEND, MO
Robin Mull, Saline County, MO 65339

All-Season Test	107 - 117 Day CRM B2019MOCE03
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Roundup, Outlook, 2-4D, Zidua Pro, Liberty
SOIL DESCRIPTION:	Sibley silt loam , well drained
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.1 pH, 3.4% OM, 15.8 CEC
PEST MANAGEMENT:	Roundup, Verdict, Atrazine, Armezon Pro, Headline Amp, Silencer, Force 3g
FERTILITY - Applied N:	200 Spring
Applied N-P-K (units):	200-0-0
SEEDED - RATE - ROW:	Apr 16 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 18 32.0 /A

TEST COMMENTS:

This is a new FIRST trial site located in Saline County, MO. Trial was planted at the first opportunity behind a spring tillage pass. It looked as if every seed germinated with excellent stands. After planting, we had persistent precipitation. Well drained soils here helped. Trial looked good throughout season, especially given the challenging conditions we experienced this year.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	15DP899	VT2P,B	115	274.8	19.4	1	32.0	919	2
NUTECH	75G1AM	AM,B	115	272.5	20.8	1	32.0	899	5
LEWIS	16DP850	VT2P,B	116	269.8	19.9	1	32.0	898	6
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	269.3	17.4	1	32.3	920	1
FS INVISION	FS 6595V RIB	VT2P,B	115	268.9	20.6	1	32.3	888	10
LG SEEDS	LG5643VT2RIB	VT2P,B	113	267.0	18.5	1	32.3	901	4
FS INVISION	FS 6194V RIB	VT2P,B	111	266.9	18.2	1	31.3	904	3
LEWIS	16DP887	VT2P,B	116	266.4	19.6	1	32.0	890	9
GREAT HEART	HT-7302VT2P	VT2P,B	113	266.2	18.8	1	32.0	896	7
DEKALB	DKC64-35RIB GC	VT2P,B	114	265.3	20.2	1	32.3	881	13
NUTECH	74J1AML	OL,B	114	265.0	18.7	1	31.3	893	8
LEWIS	14DD849	VT2P,DG,B	114	262.9	20.0	1	32.7	874	16
LEWIS	R1414VT2P	VT2P,B	114	262.9	19.3	2	32.3	880	14
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	262.3	18.4	1	31.7	887	11
FS INVISION	FS 67SV1 RIB	VT2P,B	117	262.0	21.7	1	32.0	855	25
LG SEEDS	LG62C35VT2	VT2P	112	258.8	18.4	1	32.0	875	15
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	258.7	17.6	1	32.0	882	12
LG SEEDS	LG5650VT2RIB	VT2P,B	115	258.3	19.8	1	32.0	861	22
LEWIS	12DP779	VT2P,B	112	258.3	19.2	2	32.0	866	19
NK BRAND	NK1573-3330-EZR	3330,B	115	257.8	18.6	1	32.0	870	18
NUTECH	5FB-6313AMXT	AMXT,B	113	257.1	19.0	1	31.7	864	21
NUTECH	68B3AML	OL,B	108	256.0	17.5	1	32.3	874	17
LEWIS	11DP768	VT2P,B	111	253.6	19.4	1	31.7	849	29
LEWIS	09DD740	VT2P,DG,B	109	253.0	17.5	1	32.0	864	20
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	252.1	19.1	1	31.7	846	31
NK BRAND	NK1205-3120-EZR	3120,B	112	252.1	18.2	1	31.7	854	26
NUTECH	5FB-8808AM	AM,B	108	251.9	17.8	1	31.3	857	23
PIONEER	P1197AM GC	AM,B	111	251.5	18.2	1	31.7	852	27
GOLDEN HARVEST	G12U17-3010	3010	112	251.2	18.6	1	32.0	848	30
NUTECH	69A6Q	QR,B	109	251.1	17.5	1	32.0	857	24

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Averages =	252.9	18.9	2	32.0	850
LSD (0.10) =	15.2	0.7	3		
LSD (0.25) =	8.0	0.4	2		
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: 10/11/2019

Revised:10/11/2019

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)	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.