

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

2019 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PORTAGE DES SIOUX, MO
Matt Neustadt, St. Charles County, MO

All-Season Test	107 - 117 Day CRM B2019MOCE06
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (2) Replications
PREV. CROP/HERB:	Soybean / Valor, Fierce, Prefix
SOIL DESCRIPTION:	Desioux loam , well drained
SOIL CONDITION:	Conventional W/O Fall Till, medium P, very high K, 6.3 pH, 2.9% OM, 17.4 CEC
PEST MANAGEMENT:	Atrazine, Parallel Plus, Bellum, Grizzly 2, Force 3g
FERTILITY - Applied N:	194 Spring, 5 Sidedress
Applied N-P-K (units):	199-0-0
SEDED - RATE - ROW:	Apr 22 32.4 /A 30" spacing
HARVESTED - STAND:	Oct 2 32.0 /A

TEST COMMENTS:

Over half of this county's intended corn acres were prevented from planting. Floodwaters made this trial inaccessible for nearly 2 months. Multiple sources indicated this field had not seen water since the 1993 Flood. While floodwaters damaged the back of the trial, good full replicates remained. Two replicates had excellent statistical significance for the entries, and are presented here.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
GOLDEN HARVEST	G10L16-3330A-EZR	3330,A,B	110	252.2	14.1	3	31.5	883	1
NUTECH	75G1AM	AM,B	115	252.1	15.1	1	32.0	881	2
LEWIS	R1414VT2P	VT2P,B	114	249.6	14.1	1	32.0	874	3
LG SEEDS	LG5643VT2RIB	VT2P,B	113	247.9	14.5	1	32.0	868	4
LEWIS	15DP899	VT2P,B	115	247.6	14.5	1	32.0	867	5
DEKALB	DKC64-35RIB GC	VT2P,B	114	247.5	14.9	1	33.0	866	6
NUTECH	68B3AML	OL,B	108	245.3	14.1	1	32.0	858	7
PIONEER	P1138AM GC	AM	111	244.5	14.4	1	32.0	855	8
LEWIS	09DD740	VT2P,DG,B	109	243.5	13.5	1	31.5	852	9
LEWIS	16DP850	VT2P,B	116	243.2	14.8	1	33.0	851	10
LG SEEDS	LG5650VT2RIB	VT2P,B	115	242.7	14.4	1	32.5	849	11
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	242.7	14.0	5	32.0	849	12
GREAT HEART	HT-7302VT2P	VT2P,B	113	241.8	14.8	1	32.0	846	13
NUTECH	74J1AML	OL,B	114	241.4	14.4	1	32.0	845	14
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	240.7	14.4	1	32.0	842	15
GOLDEN HARVEST	G12U17-3010	3010	112	240.4	14.0	1	32.5	841	16
NK BRAND	NK1573-3330-EZR	3330,B	115	239.0	14.3	1	32.0	836	17
FS INVISION	FS 6194V RIB	VT2P,B	111	238.0	14.3	1	32.0	833	18
PIONEER	P1197AM GC	AM,B	111	237.4	14.4	1	32.5	831	19
LG SEEDS	LG62C35VT2	VT2P	112	236.4	14.4	1	31.5	827	21
LEWIS	08DP739	VT2P,B	108	236.2	14.0	1	33.0	827	20
NUTECH	5FB-2213AM	AM,B	113	235.3	14.4	1	32.0	823	23
GOLDEN HARVEST	G14N11-3110	3110	114	235.2	14.8	1	31.5	823	22
FS INVISION	FS 6595V RIB	VT2P,B	115	234.3	14.9	1	32.0	820	24
NUTECH	5FB-8808AM	AM,B	108	232.5	14.1	1	33.0	813	25
LG SEEDS	LG62C02VT2RIB	VT2P,B	112	232.0	14.4	1	32.0	812	26
FS INVISION	FS 64SV1 RIB	VT2P,B	114	231.8	14.4	1	32.0	811	27
NUTECH	5FB-1111AM	AM,B	111	231.2	14.5	1	33.0	809	28
NUTECH	5FB-6313AMXT	AMXT,B	113	231.2	14.3	1	32.0	809	29
LEWIS	11DP768	VT2P,B	111	230.5	14.3	3	32.5	807	30

William Schelp

Averages =	232.5	14.4	1	32.0	814
LSD (0.10) =	9.8	0.3	2		
LSD (0.25) =	5.1	0.2	1		
C.V. =	3.2				

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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: 10/08/2019

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.