

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

2020 Corn Grain Top 30 Harvest Report

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

Early-Season Test	107 - 112 Day CRM B2020MOCE05a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Glyphosate, Zidua Pro
SOIL DESCRIPTION:	Sioux loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, very high K, 6.0 pH, 2.3% OM, 16.4 CEC
PEST MANAGEMENT:	Parallel Plus, Atrazine, Bellum, Callisto, Force 3g
FERTILITY - Applied N:	210 Sidedress
Applied N-P-K (units):	210-0-0
SEEDED - RATE - ROW:	Apr 19 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 26 32.3 /A

TEST COMMENTS:

Well-drained soil in this river bottom site helped facilitate a timely Missouri planting date. The trial had a particularly good stand. The site was side-dressed at the five-leaf stage. There was a dry start to July, and with smaller and infrequent precipitation most of the last half of the growing season, this trial certainly took advantage of what did come. With a few very heavy rains, the trial finished strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
MIDLAND GENETICS	570PR RIB	VT2P,B	112	267.6	17.0	1	32.7	918	1
NUTECH	70A8AM	AM,B	110	261.0	16.4	1	31.7	900	2
LEWIS	12DT371	TRE,B	112	260.1	16.4	1	32.7	898	3
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	259.6	17.0	1	32.2	891	5
PIONEER	P1197AM GC	AM,B	111	258.7	16.7	1	33.2	891	6
MIDLAND GENETICS	429PR RIB	VT2P,B	110	258.4	16.4	1	32.7	892	4
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	257.7	16.8	1	31.7	885	9
PIONEER	P1077AM GC	AM,AQ,B	110	257.2	16.5	1	32.2	886	8
LEWIS	10DP719	VT2P,B	110	254.5	15.5	1	30.7	887	7
MIDLAND GENETICS	430PR RIB	VT2P,B	110	254.4	16.4	1	33.2	877	10
BURRUS	POWER PLUS 4F71AM	AM,B	109	252.0	16.0	1	32.2	873	11
NK BRAND	NK1205-3120-EZR	3120,B	112	251.4	16.9	2	32.2	863	12
PIONEER	P0977AM GC	AM,B	109	250.1	17.0	1	31.7	858	14
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	247.4	15.8	1	32.2	859	13
FS INVISION	FS 6194V RIB	VT2P,B	111	247.4	16.3	1	32.2	855	16
FS INVISION	FS 6107T RIB	TRE,B	111	246.5	15.6	2	32.7	858	15
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	246.5	16.6	1	32.2	849	19
NK BRAND	NK1082-3330A-EZR	3330A,B	110	245.5	16.0	1	33.2	851	17
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	245.2	16.8	2	33.2	843	24
NUTECH	68A7AM	AM,B	107	244.8	15.9	2	32.2	850	18
DYNA-GRO	D52DC82	VT2PDG	112	244.5	16.1	1	31.2	847	21
FS INVISION	FS 6106X RIB	STX,B	111	243.9	15.6	6	31.7	848	20
NUTECH	68B3VYHR	OL,B	108	243.7	16.0	1	31.7	845	23
DEKALB	DKC62-53RIB GC	VT2P,B	112	243.1	16.1	2	31.7	842	26
LEWIS	09DD740	VT2PDG,B	109	243.0	15.4	3	32.2	847	22
BURRUS	POWER PLUS 6Z43AM	AM,B	112	242.9	17.1	1	31.7	832	28
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	242.4	16.2	1	33.2	838	27
NUTECH	72B7CYFR	QR	112	241.5	16.7	1	32.2	831	29
DEKALB	DKC60-88RIB GC	VT2P,B	110	236.6	15.9	1	32.7	821	31
NUTECH	5FB-8808AM	AM,B	108	236.6	15.7	2	32.2	823	30
PIONEER	P1380AM CK	AM	113	244.6	16.6	1	31.7	843	25

<i>William Schelp</i>	Averages =	247.0	16.2	1	32.3	853
	LSD (0.10) =	9.2	0.3	1		
William Schelp	LSD (0.25) =	4.8	0.1	1		
william.schelp@firstseedtests.com, (573) 819-7968	C.V. =	4.1				Historic yield: 232.5 bu/a, 1 yr(s)

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

Report Date: 09/28/2020

† 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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2020 Corn Grain Top 30 Harvest Report

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

Full-Season Test	113 - 117 Day CRM B2020MOCE05b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Glyphosate, Zidua Pro
SOIL DESCRIPTION:	Sioux loam, well drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, very high K, 6.0 pH, 2.3% OM, 16.4 CEC
PEST MANAGEMENT:	Parallel Plus, Atrazine, Bellum, Callisto, Force 3g
FERTILITY - Applied N:	210 Sidedress
Applied N-P-K (units):	210-0-0
SEEDED - RATE - ROW:	Apr 19 32.4 /A 30" spacing
HARVESTED - STAND:	Sep 26 32.2 /A

TEST COMMENTS:

Well-drained soil in this river bottom site helped facilitate a timely Missouri planting date. The trial had a particularly good stand. The site was side-dressed at the five-leaf stage. There was a dry start to July, and with smaller and infrequent precipitation most of the last half of the growing season, this trial certainly took advantage of what did come. With a few very heavy rains, the trial finished strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	16DP850	VT2P,B	116	278.6	17.5	1	31.7	950	1
LEWIS	15DP899	VT2P,B	115	275.0	17.4	2	32.2	939	2
MIDLAND GENETICS	801PR RIB	VT2P,B	117	271.7	18.0	1	32.2	922	3
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	264.7	16.3	1	32.2	915	4
FS INVISION	FS 6595V RIB	VT2P,B	115	263.2	18.0	1	32.2	894	7
LEWIS	14DD849	VT2PDG,B	114	262.1	17.3	1	32.2	896	5
GREAT HEART	HT-7302VT2P	VT2P,B	113	261.9	17.4	1	32.9	895	6
NUTECH	74B6AM	AM,B	114	259.9	17.2	1	32.2	890	9
FS INVISION	FS 6306T RIB	TRE,B	113	258.8	16.6	2	32.2	892	8
FS INVISION	FS 6606T RIB	TRE,B	116	256.5	17.6	2	32.2	875	12
NUTECH	78A1AM	AM,B	117	256.4	18.5	2	32.2	866	16
NK BRAND	NK1239-5122-EZR	5122,B	112	256.1	17.6	1	31.7	873	14
DYNA-GRO	D54VC34	VT2P	114	255.9	17.0	4	32.2	878	10
MIDLAND GENETICS	790SS RIB	STX,B	116	255.2	17.2	3	32.7	874	13
DYNA-GRO	D53VC33	VT2P	113	254.2	16.4	2	31.7	878	11
<i>PIONEER</i>	<i>P1870AM GC</i>	<i>AM,B</i>	<i>118</i>	<i>254.0</i>	<i>18.7</i>	<i>1</i>	<i>32.2</i>	<i>856</i>	<i>24</i>
LEWIS	16DP887	VT2P,B	116	253.1	18.1	1	31.7	858	22
DEKALB	DKC65-95RIB GC	VT2P,B	115	252.9	17.7	1	32.7	861	20
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	252.8	16.6	2	31.2	870	15
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	252.5	17.4	2	32.2	862	19
AGRIGOLD	A6572VT2RIB GC	VT2P,B	114	252.4	17.3	1	32.2	863	18
AGRIGOLD	A6579VT2RIB GC	VT2P,B	114	252.2	17.2	3	32.2	864	17
DEKALB	DKC64-35RIB GC	VT2P,B	114	252.0	17.4	1	32.2	861	21
AGRIGOLD	A646-12VT2RIB GC	VT2P,B	116	249.3	17.5	2	32.2	850	25
LEWIS	15DT890	CONV	115	248.0	17.9	3	32.2	843	27
NUTECH	5FB-2213AM	AM,B	113	246.7	17.2	1	33.2	845	26
NK BRAND	NK1523-3220-EZR	3220,B	115	245.4	17.7	1	32.2	835	28
<i>PIONEER</i>	<i>P1464AML GC</i>	<i>AM</i>	<i>114</i>	<i>243.7</i>	<i>18.4</i>	<i>3</i>	<i>32.2</i>	<i>824</i>	<i>29</i>
NUTECH	75G1AM	AM,B	115	240.8	18.4	1	32.2	815	30
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	236.5	17.3	1	31.2	809	31
<i>PIONEER</i>	<i>P1380AM CK</i>	<i>AM</i>	<i>113</i>	<i>248.9</i>	<i>16.6</i>	<i>4</i>	<i>32.2</i>	<i>857</i>	<i>23</i>
				Averages =	251.4	17.5	2	32.2	858
				LSD (0.10) =	9.3	0.5	2		
				LSD (0.25) =	4.9	0.2	1		
				C.V. =	4.0				
william.schelp@firstseedtests.com, (573) 819-7968				Historic yield: 232.5 bu/a, 1 yr(s)					

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

Report Date: 09/28/2020

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2020 Corn - Missouri Central [MOCE]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1259	3330,B	109	AVC,C5
BURRUS	6G34 VT2P	VT2P,B	112	BPS
BURRUS	POWER PLUS 4F71AM	AM,B	109	BPS
BURRUS	POWER PLUS 6Z43AM	AM,B	112	BPS
DEKALB	DKC60-88RIB GC	VT2P,B	110	NA
DEKALB	DKC62-53RIB GC	VT2P,B	112	NA
DYNA-GRO	D52DC82	VT2PDG	112	AC,P5V,EDC-B
FS INVISION	FS 60UV1 RIB	VT2P,B	110	AC,P2
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	AC,P2
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	AVC,C5,Vi
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	NA
LEWIS	07DP700	VT2P,B	107	NA
LEWIS	08DP739	VT2P,B	108	NA
LEWIS	09DD740	VT2PDG,B	109	NA
LEWIS	10DP719	VT2P,B	110	NA
LEWIS	12DT371	TRE,B	112	NA
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	CM,C2,Vi
MIDLAND GENETICS	429PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	430PR RIB	VT2P,B	110	AC
MIDLAND GENETICS	570PR RIB	VT2P,B	112	AC
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	AC
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1205-3120-EZR	3120,B	112	AVC,C5,Vi
NUTECH	5FB-8808AM	AM,B	108	P1V,RN
NUTECH	68A7AM	AM,B	107	P1V,RN
NUTECH	68B3VYHR	OL,B	108	P1V,RN
NUTECH	70A8AM	AM,B	110	P1V,RN
NUTECH	72B7CYFR	QR	112	P1V,RN
PIONEER	P0977AM GC	AM,B	109	NA
PIONEER	P1077AM GC	AM,AQ,B	110	NA
PIONEER	P1197AM GC	AM,B	111	NA
PIONEER	P1380AM CK	AM	113	NA

2020 Corn - Missouri Central [MOCE]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AGRIGOLD	A646-12VT2RIB GC	VT2P,B	116	NA
AGRIGOLD	A6572VT2RIB GC	VT2P,B	114	NA
AGRIGOLD	A6579VT2RIB GC	VT2P,B	114	NA
BURRUS	8A12 VT2P	VT2P,B	116	BPS
DEKALB	DKC64-35RIB GC	VT2P,B	114	NA
DEKALB	DKC65-95RIB GC	VT2P,B	115	NA
DYNA-GRO	D53VC33	VT2P	113	AC,P5V,EDC-B
DYNA-GRO	D54VC34	VT2P	114	AC,P5V,EDC-B
FS INVISION	FS 6306T RIB	TRE,B	113	AC,P5V
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	AC,P5V
FS INVISION	FS 6595V RIB	VT2P,B	115	AC,P5V
FS INVISION	FS 6606T RIB	TRE,B	116	AC,P5V
FS INVISION	FS 67SV1 RIB	VT2P,B	117	AC,P2
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	AVC,C5,Vi
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	AVC,C5,Vi
GREAT HEART	HT-7302VT2P	VT2P,B	113	NA
LEWIS	14DD849	VT2PDG,B	114	NA
LEWIS	15DP899	VT2P,B	115	NA
LEWIS	15DT890	CONV	115	NA
LEWIS	16DP850	VT2P,B	116	NA
LEWIS	16DP887	VT2P,B	116	NA
MIDLAND GENETICS	656PR RIB	VT2P,B	113	AC
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	AC
MIDLAND GENETICS	770PR DG RIB	VT2PDG,B	115	AC
MIDLAND GENETICS	790SS RIB	STX,B	116	AC
MIDLAND GENETICS	801PR RIB	VT2P,B	117	AC
NK BRAND	NK1239-5122-EZR	5122,B	112	AVC,C5,Vi
NK BRAND	NK1523-3220-EZR	3220,B	115	AVC,C5,Vi
NUTECH	5FB-2213AM	AM,B	113	P1V,RN
NUTECH	74B6AM	AM,B	114	P1V,RN
NUTECH	75G1AM	AM,B	115	P1V,RN
NUTECH	78A1AM	AM,B	117	P1V,RN
NUTECH	E74D3AM	AM,B	114	P1V,RN
PIONEER	P1380AM CK	AM	113	NA
PIONEER	P1464AML GC	AM	114	NA
PIONEER	P1870AM GC	AM,B	118	NA

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*

3120	Agrisure® 3120 (CB,HX,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
3220A	Agrisure® Artesian® Viptera® 3220 (Vip,CB,HX,LL,GT)
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)
3330A	Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
5222A	Agrisure® Duracade™ Artesian® 5222
AM	Optimum® AcreMax®
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
CONV	Conventional
OL	Optimum® Leptra®
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Seed Treatments**

NA	Not Available
AC	Accelaron®, unspecified
AC,P2	Accelaron, Poncho 250
AC,P5V	Accelaron, Poncho 500/Votivo
AC,P5V,EDC-B	Accelaron, Basic Poncho 500/Votivo with Enhanced Disease Control
AVC,C5	Avicta Complete 500
AVC,C5,Vi	Avicta Complete 500, Vibrance
BPS	Burros PowerShield
CM,C2,Vi	CruiserMaxx 250 with Vibrance
P1V,RN	Poncho 1250/Votivo, Rancona®

** Seed treatments may include unspecified plant health promoting components.