

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

2020 Corn Grain Top 30 Harvest Report

Missouri Central [MOCE] PERRY, MO
Scott & Mark Hodges, Ralls County, MO

Early-Season Test	107 - 112 Day CRM B2020MOCE04a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Cloak Ex, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putnam silt loam, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 6.6 pH, 2.1% OM, 13.5 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 3g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 21 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 25 30.2 /A

TEST COMMENTS:

The test site was planted as area farmers began planting corn this year. The area received above-average moisture after planting and in May as well. Stands were good and even. Erratic rainfall events continued in summer with late July receiving rain after a dry beginning of the month. August was drier still. Though it was hot and dry through pollination, the hybrids were resilient and yields finished strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AUGUSTA	1259	3330,B	109	251.1	21.1	1	30.2	825	1
MIDLAND GENETICS	570PR RIB	VT2P,B	112	250.0	21.9	1	30.2	815	3
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	248.4	22.2	1	29.7	807	4
NUTECH	70A8AM	AM,B	110	247.5	20.1	1	30.2	822	2
MIDLAND GENETICS	381VLGA EZ1	3220A,B	108	244.2	20.9	1	30.2	804	6
NUTECH	68A7AM	AM,B	107	243.4	20.4	1	30.7	806	5
NK BRAND	NK1082-3330A-EZR	3330A,B	110	243.2	20.9	1	31.2	801	7
MIDLAND GENETICS	430PR RIB	VT2P,B	110	242.8	21.8	1	31.2	792	8
GOLDEN HARVEST	G12S75-5122-EZR	5122,B	112	242.7	22.1	1	30.2	790	9
FS INVISION	FS 6106X RIB	STX,B	111	237.9	21.4	1	30.2	779	11
DEKALB	DKC60-88RIB GC	VT2P,B	110	237.0	20.9	1	30.2	780	10
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	237.0	21.7	1	30.2	773	16
GREAT HEART	HT-7256DGVT2P	VT2PDG,B	112	236.7	22.6	1	30.2	765	20
MIDLAND GENETICS	XP110-1PR	VT2P,B	110	236.4	21.8	1	31.2	771	17
LEWIS	10DP719	VT2P,B	110	236.3	21.0	1	30.2	778	12
DYNA-GRO	D52DC82	VT2PDG	112	236.0	20.8	1	30.7	778	13
PIONEER	P1077AM GC	AM,AQ,B	110	235.2	20.8	1	30.2	776	14
LEWIS	09DD740	VT2PDG,B	109	234.9	20.8	1	29.2	774	15
NK BRAND	NK1205-3120-EZR	3120,B	112	234.7	21.8	1	30.2	765	21
BURRUS	POWER PLUS 6Z43AM	AM,B	112	234.1	22.6	1	30.7	757	24
MIDLAND GENETICS	429PR RIB	VT2P,B	110	233.3	21.9	1	30.2	760	22
PIONEER	P1197AM GC	AM,B	111	233.2	20.9	2	30.2	768	19
BURRUS	POWER PLUS 4F71AM	AM,B	109	233.0	20.7	2	29.7	769	18
BURRUS	6G34 VT2P	VT2P,B	112	233.0	21.9	1	29.7	759	23
DEKALB	DKC62-53RIB GC	VT2P,B	112	232.6	22.3	1	30.7	755	25
LEWIS	08DP739	VT2P,B	108	231.6	21.9	1	30.2	754	26
PIONEER	P0977AM GC	AM,B	109	229.1	21.0	1	29.2	754	27
LEWIS	12DT371	TRE,B	112	228.7	22.1	1	30.7	744	30
FS INVISION	FS 6194V RIB	VT2P,B	111	228.2	21.3	1	30.7	749	29
LEWIS	07DP700	VT2P,B	107	224.5	19.6	1	30.2	750	28
PIONEER	P1380AM CK	AM	113	226.6	21.8	1	30.2	739	32

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Averages = **234.9** **21.3** **1** **30.2** **770**

LSD (0.10) = 8.5 0.6 ns

LSD (0.25) = 4.5 0.3 ns

C.V. = 4.0

Historic yield: 167.7 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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Missouri Central [MOCE] PERRY, MO
Scott & Mark Hodges, Ralls County, MO

Full-Season Test	113 - 117 Day CRM B2020MOCE04b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Cloak Ex, Anthem Maxx, Liberty
SOIL DESCRIPTION:	Putnam silt loam, non-irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, medium K, 6.6 pH, 2.1% OM, 13.5 CEC
PEST MANAGEMENT:	Fultime Nxt, Callisto, Force 3g
FERTILITY - Applied N:	165 Fall, 11 Spring
Applied N-P-K (units):	176-52-62
SEEDED - RATE - ROW:	Apr 21 30.4 /A 30" spacing
HARVESTED - STAND:	Sep 25 30.1 /A

TEST COMMENTS:

The test site was planted as area farmers began planting corn this year. The area received above-average moisture after planting and in May as well. Stands were good and even. Erratic rainfall events continued in summer with late July receiving rain after a dry beginning of the month. August was drier still. Though it was hot and dry through pollination, the hybrids were resilient and yields finished strong.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LEWIS	16DP887	VT2P,B	116	253.8	24.9	2	30.2	801	1
GREAT HEART	HT-7302VT2P	VT2P,B	113	242.1	23.1	1	29.7	779	2
MIDLAND GENETICS	660PR DG RIB	VT2PDG,B	113	242.0	23.5	1	30.7	775	3
MIDLAND GENETICS	790SS RIB	STX,B	116	238.8	23.7	1	30.7	763	4
LEWIS	15DP899	VT2P,B	115	238.0	23.5	1	30.2	762	5
FS INVISION	FS 6595V RIB	VT2P,B	115	237.3	24.7	1	30.2	750	10
DEKALB	DKC65-95RIB GC	VT2P,B	115	235.1	23.5	1	30.2	753	8
NUTECH	E74D3AM	AM,B	114	235.1	22.6	7	30.2	760	6
PIONEER	P1870AM GC	AM,B	118	233.8	23.8	1	30.2	746	12
DEKALB	DKC64-35RIB GC	VT2P,B	114	233.5	22.8	1	30.2	754	7
FS INVISION	FS 6606T RIB	TRE,B	116	233.5	27.3	1	30.2	717	27
DYNA-GRO	D54VC34	VT2P	114	233.2	23.6	1	29.7	746	13
AGRIGOLD	A646-12VT2RIB GC	VT2P,B	116	232.8	25.2	1	30.2	732	18
PIONEER	P1464AML GC	AM	114	232.7	22.9	5	29.7	750	11
LEWIS	14DD849	VT2PDG,B	114	232.6	24.7	1	29.7	735	16
LEWIS	16DP850	VT2P,B	116	232.0	24.7	1	29.2	734	17
NUTECH	74B6AM	AM,B	114	231.8	22.3	1	30.2	752	9
NK BRAND	NK1523-3220-EZR	3220,B	115	231.5	26.3	1	30.2	719	26
NUTECH	78A1AM	AM,B	117	231.3	26.1	1	30.2	720	25
AGRIGOLD	A6572VT2RIB GC	VT2P,B	114	229.6	23.0	1	30.2	740	15
FS INVISION	FS 6395VDG RIB	VT2PDG,B	113	229.5	23.9	1	30.2	732	19
GOLDEN HARVEST	G14N11-5222-EZR	5222,B	114	228.8	24.2	1	30.2	727	23
GOLDEN HARVEST	G15J91-3220-EZR	3220,B	115	227.7	25.2	3	31.2	716	28
NUTECH	5FB-2213AM	AM,B	113	226.3	23.1	1	29.2	728	22
DYNA-GRO	D53VC33	VT2P	113	225.8	22.6	1	31.2	730	20
AGRIGOLD	A6579VT2RIB GC	VT2P,B	114	225.5	22.5	1	29.7	730	21
FS INVISION	FS 6306T RIB	TRE,B	113	225.2	22.8	1	30.2	727	24
FS INVISION	FS 67SV1 RIB	VT2P,B	117	224.3	25.1	1	30.7	706	31
LEWIS	15DT890	CONV	115	222.2	23.9	1	30.2	709	30
MIDLAND GENETICS	801PR RIB	VT2P,B	117	221.1	23.2	1	30.2	710	29
PIONEER	P1380AM CK	AM	113	230.0	22.8	2	30.2	742	14
				Averages =	229.4	24.0	2	30.1	731
				LSD (0.10) =	9.2	0.9	2		
				LSD (0.25) =	4.8	0.5	1		
				C.V. =	4.4				
				Historic yield: 167.7 bu/a, 1 yr(s)					

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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: 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 - 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.