

Test by: M&D Seed Research, LLC Van Buren, IN

## 2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] HANOVER, MI

Magda Farms, Steve Magda, Jackson County, MI 49241

<b>Early-Season Test</b>	97 - 103 Day CRM B2020MISO3a
<b>Top 30 of 48</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	sand, mod. well drained, irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, high K, 7.0 pH, 1.6% OM, 7.0 CEC
<b>PEST MANAGEMENT:</b>	Lexar
<b>FERTILITY - Applied N:</b>	75 Spring, 120 Sidedress
<b>Applied N-P-K (units):</b>	195-0-60
<b>SEEDED - RATE - ROW:</b>	May 24 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 16 32.8 /A

### TEST COMMENTS:

*Planting in sandy worked-up soil in good conditions resulted in good emergence and great stands. Having good available water, being on the irrigated ground, gave the varieties great potential throughout the growing season. Harvest took place over a couple of days with high winds on 11/15. There was some lodging throughout the plot but yields were great.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
RENK	RK600SSTX	STX,B	100	<b>279.7</b>	17.2	5	33.3	964	1
M & W SEEDS	45R69	VT2P,B	103	<b>275.2</b>	16.9	8	32.9	950	2
SPECIALTY	27D728	VT2P,B	97	<b>271.9</b>	16.9	4	33.0	939	3
M & W SEEDS	46T29	VT2P,B	99	<b>263.8</b>	16.0	4	32.6	917	4
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	<b>263.4</b>	17.6	7	31.9	905	6
WYCKOFF	2250 VT2P RIB	VT2P,B	101	<b>261.8</b>	16.5	15	33.6	907	5
AUGUSTA	2050	VT2P	100	<b>261.4</b>	16.5	11	33.3	905	7
FS INVISION	FS 5098X RIB	STX,B	100	<b>260.7</b>	16.7	4	32.6	901	8
AUGUSTA	2448-3220	3220	98	<b>260.7</b>	16.8	4	33.6	901	9
M & W SEEDS	45T56	VT2P,B	100	260.0	16.5	10	32.9	900	10
RUPP	XR D01-90	VT2P,B	101	259.2	16.9	12	32.2	895	11
DAIRYLAND	DS-4014Q	QR,B	100	259.2	17.4	5	32.9	891	12
NK BRAND	NK0243-5122-EZR	5122,B	102	257.5	17.6	28	32.9	885	13
M & W SEEDS	MWX-97	VT2P,B	97	254.4	16.4	10	33.3	882	14
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	253.8	17.1	4	32.6	875	16
DYNA-GRO	D43VC81	VT2P	102	253.4	16.4	18	33.3	878	15
DAIRYLAND	DS-4018AM	AM,AQ,B	101	252.1	17.1	8	33.3	869	18
RENK	RK593VT2PRIB	VT2P,B	97	251.2	16.1	13	32.9	873	17
WYCKOFF	2212 VT2P RIB	VT2P,B	100	250.7	17.3	8	32.6	863	20
SPECIALTY	28D249	VT2P,B	98	249.7	16.0	15	33.3	868	19
DAIRYLAND	DS-3810Q	QR,B	98	248.9	17.2	5	32.9	858	21
FS INVISION	FS 53ZX1 RIB	STX,B	103	248.0	16.6	5	32.6	858	22
RENK	RK621VT2PRIB	VT2P,B	103	247.8	17.5	7	31.9	852	28
RUPP	XR D03-07	VT2P,B	103	247.7	17.0	8	33.3	855	24
RUPP	XR J98-52	STX,B	98	247.3	16.8	7	33.3	854	26
PIONEER	P0306Q GC	QR,B	103	247.0	17.2	4	33.6	851	30
DAIRYLAND	DS-3715AMRIB	AM,B	97	246.5	16.3	5	32.6	855	25
RUPP	XR D97-95	VT2P,B	97	245.8	16.0	7	32.6	854	27
WYCKOFF	2300 DGVT2P RIB	VT2PDG,B	103	245.1	16.0	8	32.6	852	29
WYCKOFF	2180 VT2P RIB	VT2P,B	98	244.7	16.2	5	32.6	849	31
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	249.4	17.7	5	32.6	856	23
				<b>Averages =</b>	<b>248.3</b>	<b>16.9</b>	<b>9</b>	<b>32.8</b>	<b>857</b>
				LSD (0.10) =	12.0	0.4	6		
				LSD (0.25) =	6.3	0.2	3		
				C.V. =	5.3				

*Matt Turner*

Matt Turner

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Historic yield: 211.1 bu/a, 2 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$4.00

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## 2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] HANOVER, MI

Magda Farms, Steve Magda, Jackson County, MI 49241

<b>Full-Season Test</b>	104 - 107 Day CRM B2020MISO03b
<b>Top 30 of 36</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	sand, mod. well drained, irrigated
<b>SOIL CONDITION:</b>	Conventional W/O Fall Till, very high P, high K, 7.0 pH, 1.6% OM, 7.0 CEC
<b>PEST MANAGEMENT:</b>	Lexar
<b>FERTILITY - Applied N:</b>	75 Spring, 120 Sidedress
<b>Applied N-P-K (units):</b>	195-0-60
<b>SEEDED - RATE - ROW:</b>	May 24 34.5 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 16 32.8 /A

### TEST COMMENTS:

*Planting in sandy worked-up soil in good conditions resulted in good emergence and great stands. Having good available water, being on the irrigated ground, gave the varieties great potential throughout the growing season. Harvest took place over a couple of days with high winds on 11/15. There was some lodging throughout the plot but yields were great.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LOCAL SEED	LC0607 TCRIB	TRE,B	106	<b>267.1</b>	18.1	35	32.9	914	1
SPECIALTY	37A369	STX,B	107	<b>267.2</b>	18.5	33	32.9	912	2
WYCKOFF	2335 SS RIB	STX,B	104	<b>264.7</b>	18.0	47	33.6	906	3
PIONEER	P0688AM GC	AM,B	106	<b>262.1</b>	18.1	38	32.9	897	4
M & W SEEDS	MWX-104	VT2P,B	104	259.4	17.0	22	32.9	895	5
M & W SEEDS	44V42	VT2P,B	107	257.4	17.4	35	32.6	885	6
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	257.0	17.3	30	33.0	885	7
FS INVISION	FS 5704X RIB	STX,B	107	256.7	17.9	21	32.9	880	9
RUPP	XR D06-53	VT2P,B	106	255.6	17.2	25	32.9	881	8
RENK	RK726H	PC	106	254.7	18.3	44	33.6	871	10
FS INVISION	FS 5594X RIB	STX,B	105	254.3	18.4	45	32.6	868	12
RENK	RK710DGV2P	VT2PDG,B	106	252.9	17.6	36	32.6	869	11
M & W SEEDS	44P86	VT2P,B	105	249.8	16.4	22	32.6	866	13
RUPP	XR D07-72	VT2P,B	107	249.9	17.4	43	32.2	859	14
WYCKOFF	2433 SS RIB	STX,B	106	249.3	18.0	44	33.6	854	17
SPECIALTY	36D260	VT2P,B	106	249.1	17.5	23	32.2	856	15
WYCKOFF	2483 VT2P RIB	VT2P,B	105	248.3	17.2	44	33.3	855	16
M & W SEEDS	44R77	VT2P,B	107	247.6	18.7	44	31.9	844	18
DAIRYLAND	DS-4440AM	AM,B	104	245.9	17.9	37	33.3	843	19
PIONEER	P0574AM GC	AM,AQ,B	105	243.9	17.9	31	32.6	836	21
WYCKOFF	2500 SS RIB	STX,B	107	243.6	17.1	20	32.9	840	20
NK BRAND	NK0760-3111	3111	107	243.6	18.0	25	32.9	835	22
RENK	RK700SSTX	STX	107	242.3	17.2	43	33.3	835	23
DAIRYLAND	DS-4580Q	QR,B	104	240.1	18.0	46	33.6	823	25
M & W SEEDS	45V21	VT2P,B	104	239.0	16.5	22	32.6	827	24
DAIRYLAND	DS-4310AMRIB	AM,B	104	233.1	17.8	12	32.3	800	26
AUGUSTA	3053	5222,B	103	228.1	18.3	40	32.9	779	28
FS INVISION	FS 55RL1 EZR	3220,B	105	227.5	18.4	69	32.3	777	29
NK BRAND	NK0440-3122-EZR	3122,B	104	224.1	17.7	44	33.3	770	30
GOLDEN HARVEST	G04G36-3111A	3111A	104	221.4	17.7	36	32.6	760	31
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	232.0	17.9	38	32.3	795	27
				<b>Averages =</b>	<b>243.0</b>	<b>17.8</b>	<b>36</b>	<b>32.8</b>	<b>834</b>
				LSD (0.10) =	16.9	0.4	ns		
				LSD (0.25) =	8.8	0.2	ns		
				C.V. =	7.6				

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Historic yield: 211.1 bu/a, 2 yr(s)

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$4.00

## 2020 Corn - Michigan South [ MISO ]

### Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2050	VT2P	100	AC,P5V
AUGUSTA	2448-3220	3220	98	CM,C2
DAIRYLAND	DS-3715AMRIB	AM,B	97	Lum,P5V
DAIRYLAND	DS-3810Q	QR,B	98	Lum,P1V
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	Lum,P1V
DAIRYLAND	DS-4014Q	QR,B	100	Lum,P1V
DAIRYLAND	DS-4018AM	AM,AQ,B	101	Lum,P5V
DYNA-GRO	D39VC40	VT2P	99	AC,P5V,EDC-B
DYNA-GRO	D43VC81	VT2P	102	AC,P5V,EDC-B
FS INVISION	FS 47TV1 RIB	VT2P,B	97	AC,P2
FS INVISION	FS 5098X RIB	STX,B	100	AC,P5V
FS INVISION	FS 51QX1 RIB	STX,B	101	AC,P5V
FS INVISION	FS 53ZX1 RIB	STX,B	103	AC,P5V
GOLDEN HARVEST	G00H12-5122-EZR	5122,B	100	AVC,C2,Vi
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	AVC,C2,Vi
GOLDEN HARVEST	G03R40-5222-EZR	5222,B	103	AVC,C2,Vi
GOLDEN HARVEST	G99E68-5122-EZR	5122,B	99	AVC,C2,Vi
LOCAL SEED	LC0297 SSXRIB	STX,B	102	RA
LOCAL SEED	LC9888 VT2PRIB	VT2P,B	98	RA
M & W SEEDS	45R69	VT2P,B	103	NA
M & W SEEDS	45T56	VT2P,B	100	NA
M & W SEEDS	46P76	VT2P,B	97	NA
M & W SEEDS	46T29	VT2P,B	99	NA
M & W SEEDS	MWX-97	VT2P,B	97	NA
NK BRAND	NK0243-5122-EZR	5122,B	102	AVC,C2,Vi
NK BRAND	NK9738-3220-EZR	3220,B	97	AVC,C5,Vi
NK BRAND	NK9991-5122-EZR	5122,B	99	AVC,C5,Vi
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	P1V,Lu
PIONEER	P0306Q GC	QR,B	103	P1V,Lu
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	P1V,Lu
RENK	RK593VT2PRIB	VT2P,B	97	AC,P2
RENK	RK600SSTX	STX,B	100	AC,P5V
RENK	RK621VT2PRIB	VT2P,B	103	AC,P2
RENK	RK642VT2P	VT2P,B	103	AC,P2
RENK	RK695GTCBLLBL	3220	102	CM,C2
RUPP	XR D01-90	VT2P,B	101	ACi

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
RUPP	XR D02-05	3110,B	102	CM,C2,Sb
RUPP	XR D03-07	VT2P,B	103	ACi
RUPP	XR D97-95	VT2P,B	97	ACi
RUPP	XR J98-52	STX,B	98	AC,P5V
SPECIALTY	27D728	VT2P,B	97	AC,P2V
SPECIALTY	28D249	VT2P,B	98	AC,PV5,B360
SPECIALTY	33A580	STX,B	103	AC,PV5,B360
WYCKOFF	2180 VT2P RIB	VT2P,B	98	AC,P5,EDC-B,360,300
WYCKOFF	2195 3220 EZ	3220,B	97	CM,C2
WYCKOFF	2212 VT2P RIB	VT2P,B	100	AC250
WYCKOFF	2250 VT2P RIB	VT2P,B	101	AC250
WYCKOFF	2300 DGV2P RIB	VT2PDG,B	103	AC,P5V,B-360

## 2020 Corn - Michigan South [ MISO ]

### Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	3053	5222,B	103	AVC,C1
AUGUSTA	4054-5122	5122,B	104	CM,C2
DAIRYLAND	DS-4310AMRIB	AM,B	104	Lum,P5V
DAIRYLAND	DS-4440AM	AM,B	104	Lum,P5V
DAIRYLAND	DS-4580Q	QR,B	104	Lum,P5V
FS INVISION	FS 5594X RIB	STX,B	105	AC,P5V
FS INVISION	FS 55RL1 EZR	3220,B	105	AC,P2
FS INVISION	FS 5704V RIB	VT2P,B	107	AC,P5V
FS INVISION	FS 5704X RIB	STX,B	107	AC,P5V
GOLDEN HARVEST	G04G36-3111A	3111A	104	AVC,C2,Vi
GOLDEN HARVEST	G07F23-3111	3111	107	AVC,C2,Vi
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	RA
LOCAL SEED	LC0607 TCRIB	TRE,B	106	RA
M & W SEEDS	44P86	VT2P,B	105	NA
M & W SEEDS	44R77	VT2P,B	107	NA
M & W SEEDS	44V42	VT2P,B	107	NA
M & W SEEDS	45V21	VT2P,B	104	NA
M & W SEEDS	MWX-104	VT2P,B	104	NA
NK BRAND	NK0440-3122-EZR	3122,B	104	AVC,C2,Vi
NK BRAND	NK0472-5222-EZR	5222,B	104	AVC,C2,Vi
NK BRAND	NK0760-3111	3111	107	AVC,C2,Vi
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	P1V,Lu
PIONEER	P0574AM GC	AM,AQ,B	105	P1V,Lu
PIONEER	P0688AM GC	AM,B	106	P1V,Lu
RENK	RK700SSTX	STX	107	AC,P5V
RENK	RK710DGV2P	VT2PDG,B	106	AC,P2
RENK	RK726H	PC	106	AC,P2
RUPP	XR D06-53	VT2P,B	106	ACi
RUPP	XR D07-72	VT2P,B	107	ACi
SPECIALTY	36D260	VT2P,B	106	AC,P5,B360
SPECIALTY	37A369	STX,B	107	AC,PV5,B360
WYCKOFF	2305 5222 EZ	5222,B	104	AVC,C2,Vi
WYCKOFF	2335 SS RIB	STX,B	104	AC,P5V
WYCKOFF	2433 SS RIB	STX,B	106	AC,P5V
WYCKOFF	2483 VT2P RIB	VT2P,B	105	AC,P5V,EDC-EL,B-360
WYCKOFF	2500 SS RIB	STX,B	107	AC,P5V

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

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<sup>^</sup> 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\*

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3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
5122	Agrisure® Duracade™ 5122
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
AMXT	Optimum® AcreMax® Xtreme
AQ	Optimum® AQUAmax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

## Corn Seed Treatments\*\*

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NA	Not Available
AC250	Acceleron 250
ACi	Acceleron® Standard Insecticide-Fungicide
AC,P2	Acceleron, Poncho 250
AC,P2V	Acceleron Poncho 250/Votivo
AC,P5,B360	Acceleron Poncho 500 with BioRise™ B-360 ST
AC,P5,EDC-B, 360,300	Acceleron, Poncho 500, Basic Elite Enhanced Disease Control with BioRise™ B-300 SAT and B-360 SAT
AC,P5V	Acceleron, Poncho 500/Votivo
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC- EL,B-360	Acceleron®,Elite Poncho 500/Votivo with Enhanced Disease Control with BioRise™ B-360 ST
AC,PV5,B360	Acceleron Poncho 500/Votivo with BioRise™ B-360 ST
AVC,C1	Avicta Complete 1250
AVC,C2,Vi	Avicta Complete 250, Vibrance
AVC,C5,Vi	Avicta Complete 500, Vibrance
CM,C2	CruiserMaxx 250
CM,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P1V,Lu	Poncho 1250/Votivo, Lumisena™
RA	Radius 500 (Local Seed Co)

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