

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

2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] CHARLOTTE, MI
Jim & Dennis Orr, Eaton County, MI 48813

Early-Season Test	97 - 103 Day CRM B2020MISO04a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Wheat/Clover / None
SOIL DESCRIPTION:	Marlette/Capac loam, moderately drained, non- irrigated
SOIL CONDITION:	Minimum W/O Fall Till, very high P, very high K, 6.2 pH, 2.3% OM, 10.7 CEC
PEST MANAGEMENT:	Glyphosate, Degree Extra, Callisto, Atrazine
FERTILITY - Applied N:	80 Fall, 48 Spring, 35 Sidedress
Applied N-P-K (units):	163-120-80
SEEDED - RATE - ROW:	May 4 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 31 28.1 /A

TEST COMMENTS:

Timely planting was set back by 3 inches of rain and cold temperatures over the weeks that followed. Slow emergence and reduced stands were met by favorable growing conditions over most of the summer. The site produced good stalk and root strength over most of the test and respectable yields considering the difficult start.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
M & W SEEDS	46P76	VT2P,B	97	166.6	20.6	4	25.4	560	1
AUGUSTA	2050	VT2P	100	162.6	24.0	4	31.9	533	2
SPECIALTY	27D728	VT2P,B	97	156.6	19.3	4	30.8	531	3
M & W SEEDS	MWX-97	VT2P,B	97	153.4	21.2	4	29.2	513	4
M & W SEEDS	46T29	VT2P,B	99	153.4	22.7	4	27.5	507	6
RUPP	XR D01-90	VT2P,B	101	152.6	22.0	9	25.8	507	7
RUPP	XR D97-95	VT2P,B	97	152.0	20.4	4	30.6	511	5
FS INVISION	FS 5098X RIB	STX,B	100	151.7	22.8	4	32.2	502	8
RENK	RK593VT2PRIB	VT2P,B	97	151.3	22.2	4	25.8	502	9
DYNA-GRO	D43VC81	VT2P	102	151.3	22.8	4	32.6	500	10
RENK	RK642VT2P	VT2P,B	103	149.8	23.8	4	27.8	492	11
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	148.8	23.0	5	24.8	491	12
LOCAL SEED	LC0297 SXXRIB	STX,B	102	148.3	25.7	4	28.2	479	15
RENK	RK621VT2PRIB	VT2P,B	103	147.8	23.8	4	28.2	485	14
SPECIALTY	28D249	VT2P,B	98	145.5	20.7	4	31.6	488	13
DAIRYLAND	DS-4014Q	QR,B	100	144.6	23.6	4	28.9	475	18
WYCKOFF	2300 DGV2P RIB	VT2PDG,B	103	144.6	27.7	4	27.2	460	24
WYCKOFF	2180 VT2P RIB	VT2P,B	98	143.4	21.4	5	28.9	479	16
LOCAL SEED	LC9888 VT2PRIB	VT2P,B	98	142.1	20.4	4	30.2	478	17
M & W SEEDS	45T56	VT2P,B	100	140.9	22.8	4	30.8	466	20
PIONEER	P0306Q GC	QR,B	103	140.3	25.0	6	20.8	456	28
NK BRAND	NK0243-5122-EZR	5122,B	102	139.4	23.0	6	25.8	460	25
SPECIALTY	33A580	STX,B	103	139.4	23.5	4	29.6	458	26
M & W SEEDS	45R69	VT2P,B	103	139.3	22.4	4	29.9	462	21
DYNA-GRO	D39VC40	VT2P	99	139.2	20.1	7	27.5	470	19
WYCKOFF	2250 VT2P RIB	VT2P,B	101	138.9	23.4	5	30.9	457	27
RUPP	XR J98-52	STX,B	98	138.6	21.7	4	30.6	462	22
FS INVISION	FS 47TV1 RIB	VT2P,B	97	138.1	21.2	5	32.3	462	23
DAIRYLAND	DS-3715AMRIB	AM,B	97	135.6	21.6	9	22.6	452	30
NK BRAND	NK9738-3220-EZR	3220,B	97	134.6	19.9	7	29.2	455	29
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	136.5	23.4	5	28.5	449	32
				Averages =	138.4	22.7	5	28.1	458
				LSD (0.10) =	15.3	1.2	ns		
				LSD (0.25) =	8.0	0.6	ns		
				C.V. =	12.1				

Matt Turner

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mattturner1979@yahoo.com, (317) 606-9040

Historic yield: 158.8 bu/a, 9 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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Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
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PEST MANAGEMENT:	Glyphosate, Degree Extra, Callisto, Atrazine
FERTILITY - Applied N:	80 Fall, 48 Spring, 35 Sidedress
Applied N-P-K (units):	163-120-80
SEEDED - RATE - ROW:	May 4 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 31 28.6 /A

TEST COMMENTS:

Timely planting was set back by 3 inches of rain and cold temperatures over the weeks that followed. Slow emergence and reduced stands were met by favorable growing conditions over most of the summer. The site produced good stalk and root strength over most of the test and respectable yields considering the difficult start.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISION	FS 5704X RIB	STX,B	107	155.0	24.7	5	25.8	504	2
M & W SEEDS	45V21	VT2P,B	104	154.5	21.8	4	30.6	515	1
RENK	RK710DGVT2P	VT2PDG,B	106	149.8	23.2	4	27.8	494	5
FS INVISION	FS 55RL1 EZR	3220,B	105	149.4	26.0	4	26.7	482	8
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	148.5	20.9	4	30.9	498	4
RUPP	XR D07-72	VT2P,B	107	147.7	22.6	5	31.2	489	6
FS INVISION	FS 5704V RIB	VT2P,B	107	146.2	22.5	5	32.3	484	7
RUPP	XR D06-53	VT2P,B	106	146.3	25.3	4	27.8	474	12
WYCKOFF	2483 VT2P RIB	VT2P,B	105	145.4	22.9	5	29.9	480	10
FS INVISION	FS 5594X RIB	STX,B	105	145.2	24.6	4	30.2	473	14
DAIRYLAND	DS-4580Q	QR,B	104	145.0	22.4	5	27.2	481	9
WYCKOFF	2433 SS RIB	STX,B	106	144.6	24.2	4	32.3	473	15
SPECIALTY	36D260	VT2P,B	106	143.9	25.1	4	27.5	467	16
NK BRAND	NK0760-3111	3111	107	143.8	27.0	5	29.5	460	18
M & W SEEDS	MWX-104	VT2P,B	104	143.0	21.0	4	30.2	479	11
WYCKOFF	2335 SS RIB	STX,B	104	142.7	25.0	5	27.8	464	17
RENK	RK726H	PC	106	141.4	20.8	7	28.9	474	13
SPECIALTY	37A369	STX,B	107	138.8	26.3	7	27.9	447	21
PIONEER	P0688AM GC	AM,B	106	138.1	24.4	5	29.9	451	19
DAIRYLAND	DS-4440AM	AM,B	104	136.5	23.3	4	30.6	450	20
GOLDEN HARVEST	G04G36-3111A	3111A	104	135.0	24.2	5	30.9	442	22
RENK	<i>RK700SSTX</i>	<i>STX</i>	<i>107</i>	<i>134.1</i>	<i>30.6</i>	<i>4</i>	<i>26.8</i>	<i>417</i>	<i>28</i>
M & W SEEDS	44V42	VT2P,B	107	132.8	23.6	5	30.9	436	23
GOLDEN HARVEST	G07F23-3111	3111	107	132.5	27.0	5	29.9	424	27
M & W SEEDS	44R77	VT2P,B	107	132.4	24.9	5	24.8	431	25
M & W SEEDS	44P86	VT2P,B	105	131.1	23.3	5	26.2	432	24
WYCKOFF	2500 SS RIB	STX,B	107	129.1	23.1	5	29.2	426	26
NK BRAND	NK0472-5222-EZR	5222,B	104	127.8	25.0	4	26.1	416	29
AUGUSTA	3053	5222,B	103	127.3	24.2	5	29.6	416	30
NK BRAND	NK0440-3122-EZR	3122,B	104	126.7	24.7	5	23.8	413	31
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	150.6	22.2	5	30.6	500	3
				Averages =	137.7	24.2	5	28.6	451
				LSD (0.10) =	15.8	1.5	ns		
				LSD (0.25) =	8.3	0.8	ns		
				C.V. =	12.6				
				Historic yield: 158.8 bu/a, 9 yr(s)					

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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

[^] 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*

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®

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

Corn Seed Treatments**

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 Inoculant
Lum,P1V	Lumigen Poncho 1250/Votivo
Lum,P5V	Lumigen Poncho 500/Votivo
P1V,Lu	Poncho 1250/Votivo, Lumisena™
RA	Radius 500 (Local Seed Co)

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