

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

2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING, MI

Tom Schroeder, Hillsdale County, MI 49274

Early-Season Test	97 - 103 Day CRM B2020MISO02a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Sharpen, Matador W/Mso
SOIL DESCRIPTION:	sandy loam, mod. well drained, irrigated
SOIL CONDITION:	Minimum W/ Fall Till, very high P, high K, 5.1 pH, 1.7% OM, 8.5 CEC
PEST MANAGEMENT:	Degree Extra, Triple Flex Fb Tombstone Helios Fb Headline Amp
FERTILITY - Applied N:	125 Fall, 56 Spring, 130 Sidedress, 15 Foliar Rescue
Applied N-P-K (units):	326-45-102
SEEDED - RATE - ROW:	May 5 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 28 33.0 /A

TEST COMMENTS:

This site is on sandy soil made very fertile with hog manure and under irrigation. It's also hilly and rocky on the higher areas but planted well and established a uniform stand. Significant weed pressure developed mid-summer and difficulties harvesting down corn compromised data quality. A rep with high weed pressure in the early-test was removed, and lost reps in the full-season test meant it had to be rejected.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DYNA-GRO	D43VC81	VT2P	102	270.8	23.8	4	32.6	888	1
LOCAL SEED	LC0297 SSXRIB	STX,B	102	268.1	24.6	4	32.6	874	2
WYCKOFF	2250 VT2P RIB	VT2P,B	101	263.5	22.8	4	33.5	871	3
RUPP	XR J98-52	STX,B	98	263.4	22.7	4	33.9	871	4
SPECIALTY	28D249	VT2P,B	98	259.3	21.6	4	33.0	865	5
FS INVISION	FS 53ZX1 RIB	STX,B	103	257.6	24.1	8	33.5	843	10
GOLDEN HARVEST	G02K39-5122-EZR	5122,B	102	257.5	24.7	4	33.0	839	11
M & W SEEDS	45T56	VT2P,B	100	257.0	23.0	4	33.0	848	6
FS INVISION	FS 5098X RIB	STX,B	100	256.0	22.5	4	33.0	848	7
M & W SEEDS	46P76	VT2P,B	97	254.6	22.0	4	33.9	847	8
RUPP	XR D01-90	VT2P,B	101	254.3	22.1	4	33.5	845	9
SPECIALTY	33A580	STX,B	103	254.3	25.8	4	33.5	821	21
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	253.9	23.6	4	32.6	834	13
WYCKOFF	2180 VT2P RIB	VT2P,B	98	253.0	22.4	4	33.0	838	12
FS INVISION	FS 51QX1 RIB	STX,B	101	253.0	23.6	6	33.5	831	14
M & W SEEDS	46T29	VT2P,B	99	252.1	24.0	4	33.0	825	18
SPECIALTY	27D728	VT2P,B	97	251.6	22.9	6	33.0	831	15
AUGUSTA	2050	VT2P	100	250.8	22.9	4	33.0	828	16
RENK	RK600SSTX	STX,B	100	250.1	23.3	4	33.9	823	19
PIONEER	P0306Q GC	QR,B	103	249.2	23.1	6	33.5	822	20
RENK	RK593VT2PRIB	VT2P,B	97	249.0	22.4	6	31.7	826	17
RUPP	XR D02-05	3110,B	102	247.3	24.0	4	33.5	810	22
RENK	RK695GTCBLLBL	3220	102	245.9	24.2	7	33.5	804	26
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	244.4	23.1	4	33.0	806	24
NK BRAND	NK0243-5122-EZR	5122,B	102	242.9	24.7	4	31.7	791	29
M & W SEEDS	MWX-97	VT2P,B	97	242.8	22.2	4	32.6	806	25
M & W SEEDS	45R69	VT2P,B	103	242.8	22.7	4	32.1	803	27
FS INVISION	FS 47TV1 RIB	VT2P,B	97	242.1	21.2	4	32.6	810	23
WYCKOFF	2212 VT2P RIB	VT2P,B	100	241.0	23.1	4	32.6	794	28
DAIRYLAND	DS-4014Q	QR,B	100	239.4	23.0	4	33.5	790	30
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	239.4	24.1	4	33.5	784	32
				Averages =	241.6	23.2	6	33.0	796
				LSD (0.10) =	19.9	0.9	6		
				LSD (0.25) =	10.5	0.5	3		
				C.V. =	7.8				
				Historic yield: 178.4 bu/a, 13 yr(s)					

Matt Turner

Matt Turner

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

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

Report Date: 10/31/2020

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

©2020, All rights reserved by Elite Field Genetics, LLC

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

2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING, MI

Tom Schroeder, Hillsdale County, MI 49274

Full-Season Test	104 - 107 Day CRM B2020MISO02b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / Sharpen, Matador W/Mso
SOIL DESCRIPTION:	sandy loam, mod. well drained, irrigated
SOIL CONDITION:	Minimum W/ Fall Till, very high P, high K, 5.1 pH, 1.7% OM, 8.5 CEC
PEST MANAGEMENT:	Degree Extra, Triple Flex Fb Tombstone Helios Fb Headline Amp
FERTILITY - Applied N:	125 Fall, 56 Spring, 130 Sidedress, 15 Foliar Rescue
Applied N-P-K (units):	326-45-102
SEEDED - RATE - ROW:	May 5 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 28 32.8 /A

TEST COMMENTS:

This site is on sandy soil made very fertile with hog manure and under irrigation. It's also hilly and rocky on the higher areas but planted well and established a uniform stand. Significant weed pressure developed mid-summer and difficulties harvesting down corn compromised data quality. A rep with high weed pressure in the early-test was removed, and lost reps in the full-season test meant it had to be rejected.

Company/Brand	Product/Brand	Tested 1	RR	Yield Bu/a	Moisture %	Lodging %	Stand in 2020	Gross Income \$/acre	Rank
NEW	NEW000274	074	107	202.1	27.1	4	33.3	638	1
NEW BRAND	NEW000275	075	107	207.4	26.2	4	33.3	629	3
SPECIALTY	074BR	074B	107	207.6	26.2	6	33.3	634	2
BLUP	BLUP000272	072	107	201.7	26.4	6	33.3	616	6
M & M SEEDS	40142	074	107	206.8	24.8	6	33.3	617	4
PIONEER	PIONEER000273	073	106	201.1	24.8	6	33.1	611	8
M & M SEEDS	40177	074	107	207.3	27.3	7	33.3	712	9
M & M SEEDS	40114	074	107	207.7	27.4	7	33.3	707	7
LOCAL SEED	LOCAL000276	076	107	207.8	27.8	7	33.1	704	5
PIONEER	PIONEER000271	071	106	207.1	26.7	6	32.4	701	14
NEW	NEW000270	070	106	206.9	26.1	6	32.1	702	12
BLUP	BLUP000271	071	106	206.8	26.8	6	32.8	711	10
M & M SEEDS	40106	074	107	206.2	24.5	10	33.3	708	11
WHYCOFF	WHYCOFF000278	078	106	206.1	24.4	7	33.3	708	13
LOCAL SEED	LOCAL000279	079	106	206.2	25.8	7	32.8	708	16
WHYCOFF	WHYCOFF000275	075	106	206.4	25.8	6	33.3	740	15
WHYCOFF	WHYCOFF000276	076	106	206.4	24.1	6	33.3	721	18
GOLDEN HARVEST	GOLDEN000274	074	104	202.8	26.2	6	32.1	723	21
M & M SEEDS	40121	074	104	202.5	23.5	7	33.3	727	17
DARTLAND	DARTLAND000277	077	104	202.2	23.3	11	32.8	723	19
FE INVISION	FE INVISION000273	073	105	201.1	23.5	6	32.8	724	20
FE INVISION	FE INVISION000272	072	107	216.2	24.2	4	31.2	708	22
NEW	NEW000270	070	106	212.3	25.4	14	33.3	691	25
GOLDEN HARVEST	GOLDEN000271	071	107	208.8	26.2	11	33.3	677	26
DARTLAND	DARTLAND000278	078	104	206.8	23.4	10	32.8	680	23
WHYCOFF	WHYCOFF000279	079	104	206.8	25.1	6	32.8	679	24
DARTLAND	DARTLAND000276	076	104	207.8	23.9	10	33.3	686	24
SPECIALTY	074BR	074B	106	206.8	25.1	10	32.3	688	26
WHYCOFF	WHYCOFF000275	075	105	203.2	27.3	10	32.8	676	27
NEW BRAND	NEW000272	072	104	194.3	23.3	14	33.3	640	31



Matt Turner

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

Averages =	220.4	24.3	9	32.8	719
LSD (0.10) =	ns	1.2	ns		
LSD (0.25) =	ns	0.6	ns		
C.V. =	14.4			Historic yield: 178.4 bu/a, 13 yr(s)	

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

Report Date: 10/31/2020

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
©2020, All rights reserved by Elite Field Genetics, LLC

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 SXXRIB	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 DGVT2P 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)	QR	Qrome™
3111	Agrisure® Viptera® 3111	STX	SmartStax®
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)	TRE	Genuity® Trecepta™
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	VT2P	Genuity® VT Double PRO®
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	VT2PDG	Genuity® VT Double PRO® DroughtGard®
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™		

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

Corn Seed Treatments**

AC250	Accelaron 250	AVC,C5,Vi	Avicta Complete 500, Vibrance
ACi	Accelaron® Standard Insecticide-Fungicide	CM,C2	CruiserMaxx 250
AC,P2	Accelaron, Poncho 250	CM,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
AC,P2V	Accelaron Poncho 250/Votivo	Lum,P1V	Lumigen Poncho 1250/Votivo
AC,P5,B360	Accelaron Poncho 500 with BioRise™ B-360 ST	Lum,P5V	Lumigen Poncho 500/Votivo
AC,P5,EDC-B,360,300	Accelaron, Poncho 500, Basic Elite Enhanced Disease Control with BioRise™ B-300 SAT and B-360 SAT	NA	Unknown
AC,P5V	Accelaron, Poncho 500/Votivo	P1V,Lu	Poncho 1250/Votivo, Lumisena™
AC,P5V,B-360	Accelaron® Poncho 500/Votivo with B-360 SAT	RA	Radius 500 (Local Seed Co)
AC,P5V,EDC-B	Accelaron, Basic Poncho 500/Votivo with Enhanced Disease Control		
AC,P5V,EDC-EL,B-360	Accelaron®,Elite Poncho 500/Votivo with Enhanced Disease Control with BioRise™ B-360 ST		
AC,PV5,B360	Accelaron Poncho 500/Votivo with BioRise™ B-360 ST		
AVC,C1	Avicta Complete 1250		
AVC,C2,Vi	Avicta Complete 250, Vibrance		

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