

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

2020 Corn Grain Top 30 Harvest Report

Michigan South [MISO] RIGA, MI
Bill Bierman, Lenawee County, MI 49276

Early-Season Test	97 - 103 Day CRM B2020MISO01a
Top 30 of 48	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Wheat / None
SOIL DESCRIPTION:	sandy clay, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, very high P, medium K, 5.4 pH, 3.5% OM, 19.2 CEC
PEST MANAGEMENT:	Lexar, Roundup, Gramoxone
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-200-150
SEDED - RATE - ROW:	May 5 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 20 30.8 /A

TEST COMMENTS:

Planting into hard no-till soil conditions, but with heat and rain it had good emergence. The location had a good stand of corn at stand counts, but unfortunately, with a lack of rain or very little in August and September with a high wind day, there was lodging throughout the plot. The yields were good for having tough conditions in the growing season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P9998AMXT GC	AMXT,AQ,B	99	177.3	16.9	7	31.7	612	1
RUPP	XR D01-90	VT2P,B	101	172.1	16.7	11	31.2	595	3
DAIRYLAND	DS-3810Q	QR,B	98	172.0	16.3	10	32.1	596	2
DAIRYLAND	DS-4018AM	AM,AQ,B	101	170.9	17.0	19	29.9	590	4
FS INVISION	FS 53ZX1 RIB	STX,B	103	169.6	17.0	11	31.2	585	5
FS INVISION	FS 51QX1 RIB	STX,B	101	168.8	17.2	11	30.8	582	6
RENK	RK600SSTX	STX,B	100	163.9	16.8	23	31.7	566	7
M & W SEEDS	45R69	VT2P,B	103	162.5	16.9	14	30.8	561	9
DAIRYLAND	DS-4014Q	QR,B	100	162.3	16.0	11	31.7	564	8
SPECIALTY	27D728	VT2P,B	97	161.7	16.7	11	31.2	559	10
NK BRAND	NK0243-5122-EZR	5122,B	102	161.1	16.8	22	31.7	556	11
M & W SEEDS	46P76	VT2P,B	97	160.4	17.1	11	31.2	553	12
RUPP	XR D03-07	VT2P,B	103	159.6	16.9	9	31.7	551	14
WYCKOFF	2300 DGVT2P RIB	VT2PDG,B	103	159.6	17.2	14	31.7	550	16
RUPP	XR J98-52	STX,B	98	159.6	17.1	11	30.8	550	17
NK BRAND	NK9738-3220-EZR	3220,B	97	159.5	16.5	7	30.3	552	13
RENK	RK642VT2P	VT2P,B	103	158.9	16.6	17	29.0	550	18
M & W SEEDS	46T29	VT2P,B	99	158.8	16.2	11	29.9	551	15
AUGUSTA	2050	VT2P	100	158.8	16.5	37	30.3	550	19
SPECIALTY	28D249	VT2P,B	98	158.5	16.1	25	31.7	550	20
RUPP	XR D97-95	VT2P,B	97	158.2	16.1	13	29.9	549	21
DAIRYLAND	DS-3715AMRIB	AM,B	97	158.0	16.5	9	27.6	547	22
DYNA-GRO	D43VC81	VT2P	102	157.7	16.4	20	31.7	546	23
FS INVISION	FS 5098X RIB	STX,B	100	157.6	16.5	9	31.2	546	24
WYCKOFF	2212 VT2P RIB	VT2P,B	100	156.6	16.6	11	31.7	542	26
LOCAL SEED	LC0297 SXXRIB	STX,B	102	156.5	17.5	14	31.2	538	29
RENK	RK593VT2PRIB	VT2P,B	97	155.9	16.4	20	29.0	540	27
DAIRYLAND	DS-4000AMXTRIB	AMXT,B	100	155.5	16.1	9	29.9	540	28
AUGUSTA	2448-3220	3220	98	155.0	16.4	12	29.0	537	30
RUPP	XR D02-05	3110,B	102	154.0	16.9	9	31.2	532	31
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	157.3	16.4	9	29.9	545	25
				Averages =	154.8	16.7	15	30.8	535
				LSD (0.10) =	13.2	0.4	10		
				LSD (0.25) =	6.9	0.2	5		
				C.V. =	8.1				

Matt Turner

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Historic yield: 183.0 bu/a, 11 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 (3) Replications
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PEST MANAGEMENT:	Lexar, Roundup, Gramoxone
FERTILITY - Applied N:	180 Spring
Applied N-P-K (units):	180-200-150
SEDED - RATE - ROW:	May 5 33.8 /A 30" spacing
HARVESTED - STAND:	Oct 20 30.7 /A

TEST COMMENTS:

Planting into hard no-till soil conditions, but with heat and rain it had good emergence. The location had a good stand of corn at stand counts, but unfortunately, with a lack of rain or very little in August and September with a high wind day, there was lodging throughout the plot. The yields were good for having tough conditions in the growing season.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PIONEER	P0574AM GC	AM,AQ,B	105	184.9	18.7	14	31.7	630	2
RENK	RK700SSTX	STX	107	184.3	18.1	9	30.3	631	1
WYCKOFF	2335 SS RIB	STX,B	104	176.2	16.9	11	31.2	608	3
PIONEER	P0688AM GC	AM,B	106	174.8	17.8	18	31.2	599	4
DAIRYLAND	DS-4440AM	AM,B	104	173.5	17.6	11	31.2	596	5
LOCAL SEED	LC0607 TCRIB	TRE,B	106	171.1	17.3	20	31.2	589	6
DAIRYLAND	DS-4310AMRIB	AM,B	104	170.2	18.4	20	30.8	581	9
M & W SEEDS	45V21	VT2P,B	104	169.2	16.8	11	29.9	584	7
SPECIALTY	36D260	VT2P,B	106	168.8	18.4	9	29.9	576	10
RUPP	XR D07-72	VT2P,B	107	168.6	16.7	11	31.7	583	8
WYCKOFF	2433 SS RIB	STX,B	106	166.9	17.5	14	30.8	574	11
WYCKOFF	2500 SS RIB	STX,B	107	166.7	17.2	20	28.1	574	12
FS INVISION	FS 5704X RIB	STX,B	107	165.4	18.4	9	27.6	565	15
GOLDEN HARVEST	G07F23-3111	3111	107	165.0	18.9	9	29.4	562	17
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	164.8	16.4	9	31.7	571	13
DAIRYLAND	DS-4580Q	QR,B	104	163.8	16.5	7	31.7	567	14
M & W SEEDS	44R77	VT2P,B	107	163.0	17.7	11	29.8	560	18
RENK	RK710DGV2P	VT2PDG,B	106	161.3	17.9	14	31.2	553	21
RENK	RK726H	PC	106	161.0	17.0	11	29.0	556	19
FS INVISION	FS 55RL1 EZR	3220,B	105	161.0	17.2	17	30.3	555	20
WYCKOFF	2483 VT2P RIB	VT2P,B	105	156.1	16.1	11	30.8	542	22
M & W SEEDS	44P86	VT2P,B	105	155.4	18.2	10	29.0	531	25
NK BRAND	NK0760-3111	3111	107	155.4	18.7	23	30.3	529	26
AUGUSTA	4054-5122	5122,B	104	154.8	17.0	14	31.2	534	23
FS INVISION	FS 5704V RIB	VT2P,B	107	154.0	17.5	11	31.7	529	27
FS INVISION	FS 5594X RIB	STX,B	105	153.9	16.6	9	32.6	532	24
NK BRAND	NK0440-3122-EZR	3122,B	104	153.0	17.1	9	29.9	527	28
SPECIALTY	37A369	STX,B	107	152.5	17.8	30	32.6	523	29
M & W SEEDS	MWX-104	VT2P,B	104	149.9	16.4	9	30.3	519	30
RUPP	XR D06-53	VT2P,B	106	149.4	17.6	17	32.1	513	31
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	163.4	16.9	9	27.6	564	16
				Averages =	161.2	17.5	14	30.7	554
				LSD (0.10) =	11.5	0.5	ns		
				LSD (0.25) =	6.0	0.2	ns		
				C.V. =	6.8				
				Historic yield: 183.0 bu/a, 11 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 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)

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