

2021 Corn Grain Top 30 Performance Summary for Michigan South [MISO]

Early-Season Test

97 - 103 Day CRM

B2021MISOa

Top 30 of 48

For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Charlotte	Hanover	Mason	Reading	Riga
DAIRYLAND	DS-4014Q ↗	QR	100	234.3	18.8	2	1177	1	238.4	170.2	250.5	239.7	272.9
RUPP	XR D99-08 ↗	VT2P	99	227.6	18.2	1	1148	2	202.8	192.9	246.4	236.1	260.0
AUGUSTA	A2050 VT2P ↗	VT2P	100	223.5	17.9	1	1129	3	190.5	191.1	240.8	239.8	255.6
RENK	RK600VT2P ↗	VT2P	100	222.6	18.0	3	1123	5	190.6	191.1	237.1	237.3	257.0
DYNA-GRO	D40VC41 ↗	VT2P	100	221.7	18.3	3	1117	7	206.7	173.2	237.9	233.0	257.5
LEGACY	LC-4248 ↗	VT2P	100	221.6	17.9	3	1119	6	197.6	193.5	238.4	218.7	260.0
WYCKOFF	2250 VT2P RIB ↗	VT2P	101	220.5	17.9	4	1112	8	196.0	173.1	229.0	235.1	269.4
DAIRYLAND	DS-4000AMXT ↗	AMXT	100	220.5	18.8	2	1108	10	191.2	195.9	233.7	226.5	255.3
FS INVISION	FS 5098V RIB ↗	VT2P	100	219.5	18.1	3	1109	9	167.4	183.1	250.1	245.4	251.4
DAIRYLAND	DS-3959Q ↗	QR	99	218.8	18.8	1	1101	11	176.8	170.4	245.6	240.2	261.2
GOLDEN HARVEST	G99E68-5122 EZR ↗	5122	99	218.3	19.0	1	1095	12	211.7	174.8	225.5	240.5	238.9
FS INVISION	FS 5115X RIB ↗	STX	101	215.9	18.2	1	1087	14	171.9	174.7	216.2	252.0	264.5
RUPP	XR D03-07 ↗	VT2P	103	215.3	17.8	1	1088	13	182.5	174.7	232.4	246.4	240.5
SPECIALTY	31D921 ↗	VT2P	101	214.0	17.4	5	1081	15	173.1	161.1	212.9	260.4	262.7
AUGUSTA	A2150-5222-EZ ↗	5222	100	214.0	19.3	1	1073	18	201.4	166.5	238.7	216.9	246.4
RENK	RK579DGV2P ↗	VT2PDG	99	213.8	17.5	2	1080	16	200.0	157.9	219.1	221.6	270.5
SPECIALTY	27D728 ↗	VT2P	97	212.7	17.5	3	1073	17	216.5	166.3	204.2	233.6	242.9
LEGACY	LC-5217 ↗	VT2P	102	212.7	18.0	1	1073	19	192.3	164.9	227.3	239.4	239.7
WYCKOFF	2212 VT2P RIB ↗	VT2P	100	212.5	17.9	1	1071	21	192.8	168.2	219.9	224.0	258.0
WYCKOFF	2300 DGV2P RIB ↗	VT2PDG	103	212.4	17.7	1	1073	20	180.1	164.6	223.5	244.4	249.4
GOLDEN HARVEST	G03R40-5222 EZR ↗	5222	103	212.1	20.1	1	1061	26	159.5	179.2	234.9	235.9	251.1
LOCAL SEED	LC0297 VT2PRIB ↗	VT2P	102	211.3	17.7	1	1064	24	185.9	180.6	186.7	252.5	250.8
FS INVISION	FS 4715V RIB ↗	VT2P	97	211.3	17.6	2	1068	22	184.6	160.8	225.5	224.5	261.3
RUPP	XR D98-43 ↗	TRE	98	210.7	17.2	1	1067	23	182.7	153.8	226.4	233.3	257.5
DYNA-GRO	D43VC81 ↗	VT2P	102	210.6	18.0	1	1061	25	187.7	153.5	214.1	250.3	247.3
RENK	RK593VT2PRIB ↗	VT2P	97	209.2	17.4	1	1057	27	185.2	170.0	218.1	237.3	235.2
DAIRYLAND	DS-4018AM ↗	AM	101	208.7	18.9	1	1051	31	143.2	163.2	242.2	233.0	261.8
WYCKOFF	2170 TRE RIB ↗	TRE	98	208.7	17.7	2	1052	29	191.2	157.5	208.2	231.3	255.1
LEGACY	LC474-20 ↗	TRE	97	208.4	17.5	2	1054	28	167.9	154.9	219.0	249.0	251.2
RENK	RK590VT2P ↗	VT2P	98	208.1	17.6	7	1052	30	177.9	163.2	221.2	231.4	246.8
PIONEER	P0339Q CK	QR	103	225.6	19.6	1	1128	4	195.4	196.3	228.9	226.7	280.7
				Averages =	211.4	18.2	2	1065	185.8	168.3	222.0	230.1	250.8
				LSD (0.10) =	10.5	0.3	ns		16.9	14.2	13.6	17.2	12.4
				LSD (0.25) =	5.5	0.2	ns		8.9	7.5	7.2	9.1	6.5

Matt Turner

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Prev. years average yield for region: 169.33 bu/a, 14 yr(s)

Yield & Income Factors: Base Moisture = 15.5% Shrink = 1.3 Drying = \$0.03 Prices: GMO = \$5.00; non-GMO = \$5.00

† 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. ↗ New! Links to full product yield results at www.firstseedtests.com

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Report Date: 11/21/2021

2021 Corn Grain Top 30 Performance Summary for Michigan South [MISO]

Full-Season Test

104 - 107 Day CRM

B2021MISO

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For Gross Income (Sorted by Yield), (20) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Charlotte	Hanover	Mason	Reading	Riga	
NK BRAND	NK0760-3111 ↗	3111	107	226.4	20.3	1	1131	1	194.5	163.4	250.7	245.3	278.3	
DAIRYLAND	DS-4440AM ↗	AM	104	223.0	19.9	1	1115	2	200.3	165.1	241.9	235.5	272.4	
AUGUSTA	A4759-3111 ↗	3111	109	221.7	20.2	1	1107	3	201.5	176.2	238.6	224.2	268.2	
LEGACY	LC564-20 ↗	PC,E	106	220.9	20.1	1	1103	4	187.1	186.3	233.0	222.8	275.2	
GOLDEN HARVEST	G07F23-3111 ↗	3111	107	220.8	20.5	1	1101	5	201.6	174.0	239.5	222.0	266.9	
LOCAL SEED	LC0707 DGV2PRIB ↗	VT2PDG	107	219.6	19.2	1	1100	6	196.3	162.1	224.2	250.1	265.1	
DAIRYLAND	DS-4510Q ↗	QR	105	219.4	19.5	1	1099	7	198.6	162.5	236.5	229.1	270.4	
RUPP	XR D06-53 ↗	VT2P	106	218.0	19.1	2	1095	9	182.8	163.8	240.7	234.7	268.4	
WYCKOFF	2483 VT2P RIB ↗	VT2P	105	217.3	18.0	2	1096	8	205.3	167.8	231.1	223.0	259.3	
RENK	RK710DGV2P ↗	VT2PDG	107	216.0	19.2	1	1081	11	189.7	168.3	205.5	256.5	260.1	
WYCKOFF	2335 SS RIB ↗	STX	104	215.6	18.7	1	1082	10	189.3	171.9	215.4	245.9	255.7	
LOCAL SEED	LC0607 TCRIB ↗	TRE	106	214.7	18.6	1	1080	12	174.6	157.5	229.3	242.3	269.6	
M & W SEEDS	45V21 ↗	VT2P	103	213.8	18.4	1	1075	13	192.6	179.0	204.4	221.6	271.6	
SPECIALTY	36D260 ↗	VT2P	106	213.4	19.0	1	1069	15	177.2	146.0	212.4	258.8	272.6	
INTEGRA	5719 VT2PRIB ↗	VT2P	107	212.4	19.7	1	1063	16	145.0	172.9	221.1	250.3	272.6	
LOCAL SEED	LC0518 VT2PRIB ↗	VT2P	105	212.3	18.3	2	1070	14	180.4	161.7	224.9	226.7	267.8	
FS INVISION	FS 5594X RIB ↗	STX	105	211.5	19.3	1	1062	17	169.1	167.6	234.7	227.9	258.3	
GOLDEN HARVEST	G04S19-3122 EZR ↗	3122	104	211.0	19.3	1	1060	19	153.1	171.5	238.2	226.2	266.1	
WYCKOFF	2440 SS RIB ↗	STX	106	210.4	19.3	1	1053	21	191.6	145.1	213.4	247.2	254.6	
WYCKOFF	2500 SS RIB ↗	STX	107	210.3	19.1	1	1056	20	149.2	156.8	220.6	246.2	278.8	
RENK	RK625DGV2P ↗	VT2PDG	104	210.0	17.8	2	1062	18	155.6	158.0	232.7	239.5	264.5	
LEGACY	LC-5319 ↗	STX	104	209.3	18.6	1	1051	22	175.9	175.6	202.0	246.8	246.2	
WYCKOFF	2433 SS RIB ↗	STX	106	207.4	19.4	2	1040	24	165.3	164.0	224.3	229.7	253.6	
FS INVISION	FS 5704V RIB ↗	VT2P	107	206.5	18.8	3	1039	25	173.7	164.3	224.6	218.1	252.0	
M & W SEEDS	44V42 ↗	VT2P	107	206.4	18.9	3	1037	26	156.2	165.4	218.3	240.0	252.0	
INTEGRA	5529 VT2PRIB ↗	VT2P	105	204.1	18.0	1	1030	27	181.8	150.5	213.7	235.1	239.7	
GOLDEN HARVEST	G07G73-5122 EZR ↗	5122	107	203.3	20.5	1	1015	28	162.9	145.5	234.1	217.6	256.3	
RUPP	XR D05-16 ↗	VT2P	105	201.9	19.0	1	1013	29	160.0	140.3	212.1	234.8	262.3	
GOLDEN HARVEST	G03B96-5122 EZR ↗	5122	103	200.9	19.7	2	1005	30	179.6	147.8	211.1	212.1	253.9	
NK BRAND	NK0748-3120 EZR ↗	3120	107	199.8	19.5	1	1002	31	142.7	154.1	222.8	228.8	250.6	
PIONEER	P0339Q CK	QR	103	207.9	19.8	1	1043	23	134.0	165.3	237.8	245.4	257.1	
				Averages =	209.7	19.3	1	1052		173.0	161.8	224.6	230.9	258.8
				LSD (0.10) =	10.6	0.5	ns			17.3	12.3	13.6	17.7	14.7
				LSD (0.25) =	5.6	0.3	ns			9.1	6.4	7.1	9.3	7.7

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2021 Corn Grain - Michigan South [MISO]

Early-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A1849-5122-EZ	5122	Y	99	AVC,C2
Augusta	A2050 VT2P	VT2P	N	100	AC250
Augusta	A2150-5222-EZ	5222	Y	100	CM,C2
Dairyland	DS-3959Q	QR	Y	99	Lum,P1V
Dairyland	DS-4000AMXT	AMXT	Y*	100	Lum,P1V
Dairyland	DS-4014Q	QR	Y	100	Lum,P1V
Dairyland	DS-4018AM	AM	Y	101	Lum,P1V
Dairyland	DS-4310AM	AM	Y	103	Lum,P1V
Dyna-Gro	D40VC41	VT2P	N	100	AC,P5V
Dyna-Gro	D43VC81	VT2P	N	102	AC,P5V
FS InVision	FS 4715V RIB	VT2P	Y	97	AC,P5V
FS InVision	FS 5098V RIB	VT2P	Y	100	AC,P5V
FS InVision	FS 5115X RIB	STX	Y	101	AC,P5V
FS InVision	FS 53ZX1 RIB	STX	Y	103	AC,P5V
Golden Harvest	G00H12-5122 EZR	5122	Y	100	AVC,C2,Vi
Golden Harvest	G02K39-3120 EZR	3120	Y	102	AVC,C2,Vi
Golden Harvest	G03R40-5222 EZR	5222	Y	103	AVC,C2,Vi
Golden Harvest	G04G36-3111A EZR	3111A	Y	104	AVC,C2,Vi
Golden Harvest	G99E68-5122 EZR	5122	Y	99	AVC,C2,Vi
Integra	4601 VT2PRIB	VT2P	Y	96	AC,P2,SU
Integra	4888 VT2PRIB	VT2P	Y	98	AC,P5,SU
Integra	5052 VT2PRIB	VT2P	Y	100	AC,P5V,EDC-B
Integra	5280 VT2PRIB	VT2P	Y	102	AC,P2,SU
Legacy	LC-4248	VT2P	Y	100	AC,WuxZN
Legacy	LC474-20	TRE	N	97	AC,WuxZN
Legacy	LC-5217	VT2P	Y	102	AC,WuxZN
Local Seed	LC0297 VT2PRIB	VT2P	Y	102	RA
Local Seed	LC9888 VT2PRIB	VT2P	Y	98	RA
Local Seed	ZS9796 3220EZ	3220	Y	97	RA
NK Brand	NK0243-3120 EZR	3120	Y	102	AVC,C2,Vi
NK Brand	NK0314-5122 EZR	5122	Y	103	AVC,C2,Vi
Pioneer	P0339Q CK	QR	Y	103	Lum
Renk	RK579DGVT2P	VT2PDG	Y	99	AC,P2
Renk	RK590VT2P	VT2P	N	98	AC,P5V
Renk	RK593VT2PRIB	VT2P	Y	97	AC,P2
Renk	RK600VT2P	VT2P	N	100	AC,P2
Renk	RK642VT2P	VT2P	Y	103	AC,P2
Rupp	XR D01-90	VT2P	Y	101	AC,P2,Sb
Rupp	XR D03-07	VT2P	Y	103	AC,P2,Sb
Rupp	XR D98-43	TRE	Y	98	AC,P2,Sb
Rupp	XR D99-08	VT2P	Y	99	AC,P2,Sb
Specialty	27D728	VT2P	Y	97	AC,P2,B360

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Specialty	31D921	VT2P	Y	101	AC,P5,B360
Wyckoff	2170 TRE RIB	TRE	Y	98	AC,P5V
Wyckoff	2180 VT2P RIB	VT2P	Y	98	AC,P2
Wyckoff	2212 VT2P RIB	VT2P	Y	100	AC,P2
Wyckoff	2250 VT2P RIB	VT2P	Y	101	AC,P2
Wyckoff	2300 DGVT2P RIB	VT2PDG	Y	103	AC,P2

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

2021 Corn Grain - Michigan South [MISO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
Augusta	A4759-3111	3111	N	109	CM,C2
Dairyland	DS-4440AM	AM	Y	104	Lum,P5V
Dairyland	DS-4510Q	QR	Y	105	Lum,P1V
FS InVision	FS 5515D2 EZR	5222	Y	105	CM,C2,Vi
FS InVision	FS 5594X RIB	STX	Y	105	AC,P5V
FS InVision	FS 5704V RIB	VT2P	Y	107	AC,P5V
Golden Harvest	G03B96-5122 EZR	5122	Y	103	AVC,C2,Vi
Golden Harvest	G04S19-3122 EZR	3122	Y	104	AVC,C2,Vi
Golden Harvest	G06Q68-5222 EZR	5222	Y	106	AVC,C2,Vi
Golden Harvest	G07F23-3111	3111	N	107	AVC,C2,Vi
Golden Harvest	G07G73-5122 EZR	5122	Y	107	AVC,C2,Vi
Integra	5529 VT2PRIB	VT2P	Y	105	AC,P2,SU
Integra	5682 VT2PRIB	VT2P	Y	106	AC,P5V,EDC-B
Integra	5719 VT2PRIB	VT2P	Y	107	AC,P2,SU
Legacy	LC-5319	STX	Y	104	AC,WuxZN
Legacy	LC564-20	PC,E	N	106	AC,WuxZN
Local Seed	LC0518 VT2PRIB	VT2P	Y	105	AC,P5V,EDC-EL
Local Seed	LC0607 TCRIB	TRE	Y	106	RA
Local Seed	LC0707 DGVT2PRIB	VT2PDG	Y	107	RA
M & W Seeds	44V42	VT2P	Y	107	Ti
M & W Seeds	44V74	5222	Y	105	Ti
M & W Seeds	44V83	5222	Y	107	Ti
M & W Seeds	45V21	VT2P	Y	103	Ti
NK Brand	NK0748-3120 EZR	3120	Y	107	AVC,C2,Vi
NK Brand	NK0760-3111	3111	N	107	AVC,C2,Vi
Pioneer	P0339Q CK	QR	Y	103	Lum
Renk	RK625DGVT2P	VT2PDG	N	104	AC,P5V
Renk	RK710DGVT2P	VT2PDG	Y	107	AC,P2
Rupp	XR D05-16	VT2P	Y	105	AC,P2,Sb
Rupp	XR D06-53	VT2P	Y	106	AC,P2,Sb
Specialty	36D260	VT2P	Y	106	AC,P5,B360
Wyckoff	2335 SS RIB	STX	Y	104	AC,P5V
Wyckoff	2433 SS RIB	STX	Y	106	AC,P5V
Wyckoff	2440 SS RIB	STX	Y	106	AC,P5V,EDC-EL
Wyckoff	2483 VT2P RIB	VT2P	Y	105	AC,P2
Wyckoff	2500 SS RIB	STX	Y	107	AC,P5V

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

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 Grain Technologies

3111	Agrisure® Viptera® 3111
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)
3120	Agrisure® 3120 (CB,HX,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
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
PC	PowerCore™
QR	Qrome™
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

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

Corn Grain Seed Treatments*

NA	Not Available
AC250	Acceleron® 250
AC,P2	Acceleron® 250
AC,P2,B360	Acceleron® 250 with BioRise™ B-360 ST
AC,P2,Sb	Acceleron® 250, SabrEx Inoculant
AC,P2,SU	Acceleron® 250, StepUp
AC,P5,B360	Acceleron® 500 with BioRise™ B-360 ST
AC,P5,SU	Acceleron® 500, StepUp
AC,P5V	Acceleron® Poncho 500/Votivo
AC,P5V,EDC-B	Acceleron® BASIC Poncho 500/Votivo with Enhanced Disease Control
AC,P5V,EDC-EL	Acceleron® ELITE Poncho 500/Votivo with Enhanced Disease Control
AC,WuxZN	Acceleron® + Wuxal Terios Zn
AVC,C2	Avicta® Complete 250
AVC,C2,Vi	Avicta® Complete 250, Vibrance®
CM,C2	CruiserMaxx® 250
CM,C2,Vi	CruiserMaxx® 250 with Vibrance
Lum	LumiGEN™ (Corteva Agriscience)
Lum,P1V	LumiGEN™ Poncho 1250/Votivo
Lum,P5V	LumiGEN™ Poncho 500/Votivo
RA	Radius 500 (Local Seed Co)
Ti	Titan Corn 250 (M & W Seeds)

* Seed treatments may include unspecified plant health promoting components.