

2019 Corn Grain Top 30 Performance Summary for Michigan South [MISO]

Early-Season Test

97 - 103 Day CRM

B2019MISOa

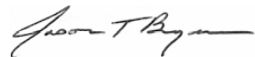
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For Gross Income (Sorted by Yield), (12) Replication Average

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Charlotte	Hanover	Marshall No Results	Mason	Reading No Results	Riga
INTEGRA	4888	STX,B	98	188.8	24.0	1	655	2	135.7	242.5		140.7		236.3
RUPP	XR D97-95	VT2P,B	97	188.8	23.5	1	656	1	141.0	237.3		154.3		222.4
M & W SEEDS	45T56	VT2P,B	100	187.7	25.4	1	643	3	142.0	237.4		142.5		229.0
RENK	RK579DGVT2P	VT2P,DG,B	98	185.4	24.0	1	642	4	139.7	227.2		147.3		227.4
SPECIALTY	27D728	VT2P,B	97	184.4	23.5	1	640	5	143.0	223.5		154.5		216.7
RUPP	XR J98-52	VT2P,B	98	183.9	23.7	1	638	6	138.4	230.1		146.2		220.7
FS INVISION	FS 5098X RIB	STX,B	100	183.6	25.3	1	630	8	128.1	233.0		136.5		236.9
SPECIALTY	32A886	STX,B	102	183.0	26.5	1	621	13	142.9	228.4		132.8		228.1
RENK	RK642VT2P	VT2P,B	103	182.6	26.7	1	619	15	128.2	238.9		143.6		219.8
RUPP	XR D96-13	3220,B	96	181.8	22.6	1	636	7	144.7	224.5		145.3		212.7
SPECIALTY	28D249	VT2P,B	98	181.1	23.7	1	629	9	126.2	237.6		148.1		212.7
RUPP	XR D03-07	VT2P,B	103	180.7	26.7	1	612	17	130.7	216.2		151.9		223.8
INTEGRA	5280	STX,B	102	180.1	26.6	1	611	18	133.3	237.6		132.5		216.8
M & W SEEDS	46P76	VT2P,B	97	179.9	22.9	1	628	10	130.9	220.5		154.8		213.5
RENK	RK587VT2P	VT2P,B	97	179.8	23.6	1	625	11	129.9	226.1		139.8		223.5
LOCAL SEED CO	LC0297 SSX	STX	102	179.4	26.7	1	607	21	134.1	218.8		140.5		224.2
GREAT HEART	HT-5831VIP3220EZ	3220,B	98	179.3	23.7	1	623	12	130.9	231.3		144.8		210.2
FS INVISION	FS 47TV1 RIB	VT2P,B	97	178.8	23.5	1	620	14	141.4	221.2		151.1		201.6
DYNA-GRO	D43VC81	VT2P	102	178.7	26.5	1	608	20	122.9	230.4		138.3		223.3
DAIRYLAND	DS-4310AM	AM	103	177.8	27.1	1	601	27	120.7	243.3		129.3		217.8
FS INVISION	FS 53ZX1 RIB	STX,B	103	177.2	27.1	1	599	29	126.6	208.3		140.1		233.9
INTEGRA	4782	VT2P,B	97	176.6	23.5	1	614	16	131.3	218.9		137.1		219.2
DAIRYLAND	DS-4018AM	AM,AQ,B	101	176.2	26.0	1	602	26	118.1	229.6		133.0		224.0
INTEGRA	5081	VT2P,DG,B	100	175.0	25.3	1	599	28	134.4	216.7		142.9		206.2
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97	174.9	23.2	1	610	19	136.2	229.9		123.9		209.7
AUGUSTA	A2448	3220,B	97	174.7	23.4	1	607	22	138.3	229.1		129.5		201.8
LOCAL SEED CO	ZS9796 3220EZ	3220	97	174.2	23.5	1	606	23	124.0	232.4		135.5		204.8
DAIRYLAND	DS-3750AM	AM	97	174.1	23.4	1	606	24	121.4	222.4		147.7		204.8
LOCAL SEED CO	LC0057 SSXRIB	STX,B	100	174.0	25.5	1	595	30	126.9	215.7		132.1		221.2
DAIRYLAND	DS-3715AM	AM,B	98	173.8	23.7	1	604	25	126.2	223.9		137.9		207.2
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	173.5	26.1	1	591	35	119.9	220.0		139.1		214.9

Not planted due to weather delays.

Not planted due to weather delays.



Averages =	176.9	25.1	1	607	131.3	223.2	139.4	213.9
LSD (0.10) =	6.3	0.4	ns		7.7	13.6	9.3	8.3
LSD (0.25) =	3.3	0.2	ns		4.0	7.1	4.9	4.3

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$

† 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. *There were 2 reps for the site.

2019 Corn Grain Top 30 Performance Summary for Michigan South [MISO]

Full-Season Test

104 - 107 Day CRM

B2019MISOb

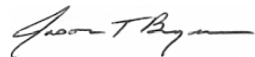
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For Gross Income (Sorted by Yield), (11) Replication Average

Company/Brand	Product/Brand	Technol. †	RM	Yield Bu/A	Moisture %	Lodging %	Gross Income \$/Acre	Rank	Charlotte	Hanover *	Marshall No Results	Mason	Reading No Results	Riga	
INTEGRA	CX931104	VT2P	104	182.5	26.9	1	618	1	121.7	222.5		154.1		231.9	
M & W SEEDS	44R77	VT2P,B	107	178.8	28.3	1	598	4	115.6	241.0		137.5		220.9	
DAIRYLAND	DS-4440AM	AM,B	104	178.5	27.0	1	602	3	129.4	213.4		144.8		226.4	
DAIRYLAND	DS-4318AM	AM,B	105	177.6	27.7	1	598	5	111.2	239.4		142.2		217.7	
INTEGRA	5529	STX,B	105	176.6	27.6	1	595	6	120.0	234.4		133.0		218.9	
DAIRYLAND	DS-4580AM	AM	105	176.5	27.8	1	593	7	114.2	229.9		138.6		223.3	
RUPP	XR D06-53	VT2P,B	106	176.4	28.0	1	592	8	111.9	224.0		142.8		227.1	
DAIRYLAND	DS-7004RA	PC,B	104	175.5	27.2	1	592	9	118.2	232.7		151.2		199.8	
M & W SEEDS	44P86	VT2P,B	105	175.0	27.7	1	588	11	108.9	210.5		151.5		229.0	
RUPP	XR D07-72	VT2P,B	107	174.0	28.4	1	580	13	131.5	217.7		142.8		204.2	
PIONEER	P0339AMXT GC	AMXT,AQ,B	103	173.9	26.5	1	590	10	117.8	217.5		136.3		224.0	
SPECIALTY	34A007	STX,B	104	172.9	26.9	1	586	12	112.0	234.1		129.5		215.9	
FS INVISION	FS 57ZX1 RIB	STX,B	107	172.2	28.8	1	572	18	115.4	216.1		148.8		208.4	
INTEGRA	5719	VT2P,B	107	172.1	28.6	1	574	16	120.2	230.7		128.7		209.0	
LOCAL SEED CO	LC0657 SXRIB	STX,B	106	172.0	27.8	1	579	14	108.4	222.4		141.0		216.1	
NK BRAND	NK0440-3122-EZR	3122,B	104	171.8	27.5	1	577	15	129.7	204.1		140.2		213.1	
AUGUSTA	A2054 GC	3010	104	170.1	27.6	1	573	17	112.8	211.7		135.2		220.6	
RENK	RK737SSTX	STX,B	106	169.3	28.0	1	569	20	105.0	230.3		142.1		200.0	
SPECIALTY	36A537	STX,B	106	169.3	27.9	1	567	22	119.3	214.0		142.0		201.9	
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105	169.1	27.5	1	570	19	109.9	217.0		134.7		214.8	
DEKALB	DKC55-53RIB GC	STX,B	105	168.8	27.8	1	568	21	109.2	208.1		130.8		227.2	
GOLDEN HARVEST	G06Q68-3220	3220,B	106	168.7	28.4	1	563	26	121.0	226.3		136.9		190.6	
RENK	RK710DGVT2P	VT2P,DG,B	106	168.1	27.9	1	566	23	109.2	235.0		126.0		202.2	
LOCAL SEED CO	LC0488 SXRIB	STX,B	104	168.1	27.8	1	563	24	115.0	219.5		142.5		195.3	
DYNA-GRO	D46VC62	VT2P	106	167.6	28.2	1	561	27	114.0	216.8		134.0		205.4	
FS INVISION	FS 5594X RIB	STX,B	105	167.3	27.6	1	563	25	118.9	224.5		128.7		197.0	
DEKALB	DKC60-88RIB GC	VT2P,B	110	166.6	28.8	1	555	30	109.8	219.5		136.5		200.6	
DAIRYLAND	DS-4329AM	AM,B	105	165.9	27.9	1	558	29	113.8	217.0		125.3		207.6	
GOLDEN HARVEST	G04S19-3122-EZR GC	3122,B	104	165.4	26.7	1	560	28	117.8	206.8		133.7		203.4	
FS INVISION	FS 55RL1 EZR	3220,B	105	163.6	27.9	1	549	31	117.6	217.7		130.4		188.6	
PIONEER	P0157AMXT CK	AMXT,AQ,B	101	178.4	26.0	1	607	2	122.0	232.4		146.9		212.6	
				Averages =	166.2	28.4	1	573		115.4	219.8		137.4		210.2
				LSD (0.10) =	6.2	0.5	0			9.3	12.4		8.2		9.1
				LSD (0.25) =	3.2	0.3	0			4.9	6.5		4.3		4.8

Not planted due to weather delays.

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.00 Prices: GMO = \$
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2019 Corn Grain - Michigan South [MISO]

Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A2448	3220,B	97
AUGUSTA	A3052	3110	102
DAIRYLAND	DS-3715AM	AM,B	98
DAIRYLAND	DS-3750AM	AM	97
DAIRYLAND	DS-4018AM	AM,AQ,B	101
DAIRYLAND	DS-4019AM	AM,B	99
DAIRYLAND	DS-4310AM	AM	103
DYNA-GRO	D43VC81	VT2P	102
FS INVISION	FS 47TV1 RIB	VT2P,B	97
FS INVISION	FS 5098X RIB	STX,B	100
FS INVISION	FS 51QX1 RIB	STX,B	101
FS INVISION	FS 53ZX1 RIB	STX,B	103
GOLDEN HARVEST	G00H12-3010	3010	100
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G97N86-3220-EZR	3220,B	97
GREAT HEART	HT-5831VIP3220EZ	3220,B	98
INTEGRA	4782	VT2P,B	97
INTEGRA	4888	STX,B	98
INTEGRA	5081	VT2P,DG,B	100
INTEGRA	5280	STX,B	102
LOCAL SEED CO	LC0057 SXXRIB	STX,B	100
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC9888 VT2PRIB	VT2P,B	98
LOCAL SEED CO	ZS0398 3110	3110	103
LOCAL SEED CO	ZS9796 3220EZ	3220	97
M & W SEEDS	45R69	VT2P,B	103
M & W SEEDS	45T56	VT2P,B	100
M & W SEEDS	46P76	VT2P,B	97
NK BRAND	NK0199-3122A-EZR	3122,A,B	101
NK BRAND	NK0243-3120-EZR	3120,B	102
NK BRAND	NK9852-3120-EZR	3120,B	98
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
RENK	RK579DGV2P	VT2P,DG,B	98
RENK	RK587VT2P	VT2P,B	97
RENK	RK621VT2P	VT2P	102
RENK	RK626SSTX	STX	102

Company/Brand	Brand/Product	Technology	RM
RENK	RK642VT2P	VT2P,B	103
RUPP	XR D01-90	VT2P,B	101
RUPP	XR D03-07	VT2P,B	103
RUPP	XR D96-13	3220,B	96
RUPP	XR D97-95	VT2P,B	97
RUPP	XR J98-52	VT2P,B	98
SPECIALTY	27D728	VT2P,B	97
SPECIALTY	28D249	VT2P,B	98
SPECIALTY	32A886	STX,B	102

2019 Corn Grain - Michigan South [MISO]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A2054 GC	3010	104
AUGUSTA	A2856 GC	3220,B	105
DAIRYLAND	DS-4318AM	AM,B	105
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-4580AM	AM	105
DAIRYLAND	DS-7004RA	PC,B	104
DEKALB	DKC55-53RIB GC	STX,B	105
DEKALB	DKC60-88RIB GC	VT2P,B	110
DYNA-GRO	D46VC62	VT2P	106
FS INVISION	FS 5594X RIB	STX,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
FS INVISION	FS 57ZX1 RIB	STX,B	107
GOLDEN HARVEST	G04S19-3122-EZR GC	3122,B	104
GOLDEN HARVEST	G05K08-3010A-EXR	3010,A	105
GOLDEN HARVEST	G06Q68-3220	3220,B	106
GOLDEN HARVEST	G07F23-3111	3111	107
GREAT HEART	HT-6843VT2P	VT2P,B	108
INTEGRA	5529	STX,B	105
INTEGRA	5719	VT2P,B	107
INTEGRA	CX931104	VT2P	104
LOCAL SEED CO	LC0488 SSSXRIB	STX,B	104
LOCAL SEED CO	LC0657 SSSXRIB	STX,B	106
M & W SEEDS	44P86	VT2P,B	105
M & W SEEDS	44R77	VT2P,B	107
NK BRAND	NK0440-3122-EZR	3122,B	104
NK BRAND	NK0472-3110	3110	104
NK BRAND	NK0624-3220-EZR	3220,B	106
PIONEER	P0157AMXT CK	AMXT,AQ,B	101
PIONEER	P0339AMXT GC	AMXT,AQ,B	103
RENK	RK710DGV2P	VT2P,DG,B	106
RENK	RK737SSTX	STX,B	106
RUPP	XR D06-53	VT2P,B	106
RUPP	XR D07-72	VT2P,B	107
SPECIALTY	34A007	STX,B	104
SPECIALTY	36A537	STX,B	106

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*

3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	TRE	Genuity® Trecepta™
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer
E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)		

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