

2017 Corn Grain Top 30 Performance Summary for Michigan South [MISO]



Early-Season Test

96 - 101 Day CRM

B2017MISOa

Top 30 of 36

For Gross Income (Sorted by Yield), (13) Replication Average

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Gross Income \$/A	Rank	Charlotte	Hartford	Marshall‡	Mason	Reading	Riga‡
Great Lakes	5029VT2RIB	VT2P,B	100	164.2	19.2	1	505	1	163.8	147.3	158.2	131.6	213.0	154.3
Seed Consultants	SCS 1018YHR^	OI,AQ	101	161.2	20.2	1	491	6	159.9	140.8	152.9	135.3	205.3	152.4
Golden Harvest	G97N86-3110	3110	97	159.9	18.1	1	497	2	140.3	141.4	148.6	148.7	200.3	161.4
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	159.9	20.3	1	486	10	162.7	135.2	155.0	142.3	194.7	144.8
Dairyland	DS-9599	3000GT	99	159.4	19.3	1	490	8	145.7	131.6	156.7	147.7	204.7	142.3
Golden Harvest	G96V99-3120-EZR	3120,B	96	159.1	17.9	1	495	3	150.8	139.4	139.4	140.1	213.4	151.6
Specialty	26A236	STX,B	96	159.0	18.3	1	493	4	146.0	146.0	156.0	124.9	199.6	168.3
M & W Seeds	46L43	VT2P,B	96	158.9	18.2	1	493	5	153.5	149.5	150.9	129.2	201.3	159.6
M & W Seeds	45M21	VT2P,B	100	158.8	19.9	1	485	11	156.8	149.0	154.4	141.1	189.4	152.4
Great Lakes	4728VT2PRO	VT2P	97	157.9	18.1	1	491	7	157.4	149.5	144.5	127.8	202.4	157.5
Rupp	xrD97-95	VT2P	97	157.9	18.3	1	490	9	150.0	149.5	137.6	127.4	226.5	147.8
Great Lakes	4988VT2PRO	VT2P	99	157.7	19.4	1	484	12	158.3	149.4	141.9	135.2	217.1	136.0
Renk	RK612SSTX	STX,B	100	156.9	19.1	1	483	13	147.8	148.8	156.5	132.3	204.2	143.9
Specialty	30A307	STX,B	100	156.1	19.8	1	477	16	154.2	148.8	140.8	138.6	197.1	149.8
NuTech	5N-800	3011,A	100	155.8	18.9	1	480	14	155.0	149.0	147.9	147.9	174.6	153.7
Renk	RK608DGV2P	VT2P,DG,B	100	155.1	19.0	1	478	15	149.7	149.9	155.4	137.2	189.9	143.2
Integra	4902VT2PRIB	VT2P	99	155.0	19.0	1	477	17	149.5	149.5	158.2	131.0	201.0	135.2
Integra	CX701097	VT2P	97	154.3	18.8	1	476	18	140.4	140.4	144.7	128.1	207.9	150.3
NuTech/G2 Gen	5F-196^	AM,B	96	154.3	18.8	1	476	19	159.6	149.9	135.7	144.7	191.6	139.9
Dyna-Gro	D41SS71 GC	STX	101	154.0	19.6	1	472	22	159.1	149.1	143.1	126.0	190.4	151.6
Dyna-Gro	D39DC43 GC	VT2P,DG	99	153.9	19.2	1	473	21	151.9	149.1	145.2	147.4	185.4	139.7
Golden Harvest	G99T64-GT	GT	99	153.6	18.6	1	475	20	150.3	149.3	161.3	134.4	182.5	139.5
FS InVISION	FS 50VX1 RIB	STX,B	100	152.4	19.0	1	469	23	147.0	149.3	137.6	136.8	191.3	149.1
Rupp	xrD00-51	VT2P,B	100	151.4	19.5	1	464	25	157.9	149.3	131.1	134.1	192.8	140.9
Renk	RK629VT3P	VT3P,B	101	151.4	19.8	1	463	26	150.0	149.1	153.5	133.5	173.3	146.6
NuTech/G2 Gen	5FN-6097^	OI	97	150.8	18.7	1	466	24	145.0	132.0	137.9	153.0	167.3	150.8
M & W Seeds	45N31	VT2P,B	101	150.7	19.4	1	462	27	147.1	135.0	151.8	133.3	178.5	142.7
Golden Harvest	G01P52-3011A	3011,A	101	150.3	19.3	1	462	29	141.1	142.5	154.0	141.6	175.1	139.9
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	149.2	19.3	1	458	30	137.9	133.3	127.7	143.1	190.5	146.6
Pioneer	P9929AMXT GC	AMXT,B	99	147.7	18.9	1	455	31	149.1	137.7	140.2	135.5	180.1	133.8
Pioneer	P0157AMX CK	AMX,AQ,B	101	150.3	19.3	1	462	28	143.5	143.5	137.2	140.2	180.8	149.7

Data Rejected - Not in Summary

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Averages =	153.9	19.0	1	474	150.4	140.0	144.9	137.1	189.8	147.5
LSD (0.10) =	6.3	0.6	ns		10.4	21.4	11.3	9.9	20.1	8.1
LSD (0.25) =	3.3	0.3	ns		5.5	14.9	5.9	5.2	10.5	4.2

Previous years average yield for region, 168.2 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.20 GMO; \$3.20 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

Additional reports available at www.firstseedtests.com.

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Report Date: 11/12/2017

Revised:

2017 Corn Grain Top 30 Performance Summary for Michigan South [MISO]



Full-Season Test

102 - 105 Day CRM

B2017MISOB

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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 \$/A	Rank	Charlotte	Hartford	Marshall	Mason‡	Reading	Riga
NuTech/G2 Gen	5F-504 [^]	AM,B	104	167.3	22.1	1	500	1	150.6	160.7	115.9	134.6	213.9	170.1
M & W Seeds	45N89	VT2P,B	104	165.3	22.0	1	494	2	157.8	155.5	130.0	139.8	208.3	155.4
Specialty	32A886	STX,B	102	164.5	22.5	1	489	3	154.8	150.6	117.6	144.9	211.9	146.3
Pioneer	P0339AMT GC	AMT,AQ,B	103	163.0	22.7	1	484	5	155.8	164.5	115.7	141.4	202.7	152.1
Rupp	xrD06-70	VT2P,B	105	162.8	22.4	1	485	4	156.0	167.2	125.1	135.0	194.0	166.3
Seed Consultants	SCS 10HR43 [^]	HX,RR2	104	161.7	22.8	1	480	7	161.0			127.5	196.2	162.1
Rupp	xrD02-93	VT2P,B	102	160.3	21.9	1	480	8	146.8			145.2	206.0	143.3
Seed Consultants	SCS 1037YHR [^]	OI	103	159.9	21.4	1	481	6	145.6			125.8	207.8	160.4
Renk	RK717SSTX	STX,B	105	159.6	22.3	1	476	10	163.4			137.6	179.6	157.7
Golden Harvest	G05B91-3010	3010	105	159.1	21.7	1	477	9	136.4			153.7	178.5	167.9
M & W Seeds	44D81	VT2P,B	108	159.0	24.5	1	463	16	138.4			140.2	210.5	147.0
Integra	5562VT2PRIB	VT2P,B	105	158.4	22.1	1	473	11	156.3			131.2	209.9	136.0
NuTech/G2 Gen	5F-503 [^]	AM,B	103	156.9	21.4	1	472	12	147.3			126.2	201.5	152.5
Dairyland	DS-9802RA	STX,B	102	155.4	21.5	1	467	13	138.5			149.0	191.6	142.6
FS InVISION	FS 52RL0 EZR	3120,B	102	155.4	22.2	1	464	14	149.4			120.7	205.6	145.8
Great Lakes	5283STXRIB	STX,B	102	154.2	21.7	1	462	17	152.8			132.1	180.2	151.8
Rupp	xrJ05-75	STX,B	105	153.8	23.0	1	455	25	140.6			122.2	204.5	147.7
Golden Harvest	G03A50-3120-EZR	3120,B	103	153.7	21.1	2	464	15	140.0			130.2	194.0	150.6
Specialty	34A007	STX,B	104	153.7	21.5	1	462	18	148.4	Data Rejected - Not in Summary	Data Rejected - Not in Summary	130.3	187.4	148.8
Dekalb	DKC51-38RIB GC	STX,B	101	153.0	21.7	1	459	20	153.7			128.0	194.5	135.8
Integra	5250VT2P	VT2P	102	152.6	21.2	2	460	19	142.7			135.5	186.6	145.6
Renk	RK675DGV2P	VT2P,DG,B	103	152.2	21.2	1	459	21	149.7			134.3	182.2	142.4
Great Lakes	5556VT2RIB	VT2P,B	105	152.2	21.6	1	457	22	145.6			137.5	181.6	144.1
Dairyland	DS-9804SSX	STX	104	152.1	22.5	1	452	27	145.7			135.1	177.9	149.5
FS InVISION	FS 52ZX1 RIB	STX,B	102	151.5	21.2	1	457	23	146.6			116.7	192.1	150.6
FS InVISION	FS 55TX1 RIB	STX,B	105	151.5	23.5	1	446	30	141.3	166.9	125.2	133.1	183.2	148.4
NuTech/G2 Gen	X5LN-0308 [^]	OIXT,AQ	103	151.2	21.3	1	455	26	147.9	150.1	128.2	135.5	179.5	141.8
Golden Harvest	G03C84-3120-EZR	3120,B	103	150.1	22.0	1	449	28	144.8	174.5	138.8	130.4	159.4	165.6
FS InVISION	FS 54ZX1 RIB	STX,B	104	149.0	21.9	1	446	31	141.7	179.9	116.8	123.5	174.3	156.3
Renk	RK642SSTX	STX	103	148.5	21.4	1	447	29	146.9	174.6	142.5	119.8	178.7	148.4
Pioneer	P0157AMX CK	AMX,AQ,B	101	151.3	21.2	1	456	24	148.4			145.5	163.1	148.3

Data Rejected - Not in Summary

Data Rejected - Not in Summary

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Averages =	154.8	22.0	1	463		147.8	163.7	118.4	132.6	189.0	149.7
LSD (0.10) =	7.4	0.9	ns			9.6	21.4	ns	9.4	18.5	11.2
LSD (0.25) =	3.9	0.5	ns			5.0	14.9	ns	4.9	9.7	5.9

Previous years average yield for region, 168.2 bu/a, 12 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices = \$3.20 GMO; \$3.20 non-GMO

† See last page for additional information. Dark shaded 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 test grain moisture limit. **ns** = not significantly different; ‡ = 2 reps.

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Revised:

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	^ G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst [™] and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech [™] brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure [®] 3000GT (CB,RW,LL,GT)	GT	Agrisure [®] GT
3010	Agrisure [®] 3010 (CB,LL,GT)	HX	Herculex [®] 1, contains LL
3011,A	Agrisure [®] Artesian [®] (CB,RW,LL,GT)	HXRW	Herculex [®] Rootworm, contains LL
3110	Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT)	HXT	Herculex [®] Xtra (HX,HXRW,LL)
3111	Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink [®]
3120	Agrisure [®] 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure [®] 3122 (CB,HXX,RW,LL,GT)	OI	Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2)
3220	Agrisure [®] Viptera [®] 3220 (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 [®] TRIsect (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 [®]	VT2P	Genuity [®] VT Double PRO [®]
B	Refuge Blend	VT3P	Genuity [®] VT Triple PRO [®]
CB	Agrisure [®] Corn Borer	YGCB	YieldGard [®] Corn Borer
DG	Genuity [®] DroughtGard [®]		

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

Corn Seed Treatments**

?	information unavailable	CM	CruiserMaxx [®] Corn	None	untreated
A	Allegiance [®]	D	Dynasty [®]	P2, P5, P1	Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AC	Acceleron [®] fungicide products	Es	Escalate [®]	R	Raxil [®]
AL2500	Alert 2500 [™]	In	Intego [™] Solo	SC	SHIELDCoat [™]
At	Actellic [®]	L	Lorsban [®]	V	Votivo [®]
AVC	Avicta [®] Complete Corn	Lu	Lumivia [™]	Vi	Vibrance [®]
C2, C5, C1	Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively	M	Maxim XL [®]		
CE	Cruiser Extreme [®]	MQ	Maxim Quattro [®]		

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