

**2017 Corn Grain Top 30 Harvest Report**

Michigan South [ MISO ] HARTFORD  
 Meachum Family Farms, Ryan Meachum, Van Burren County, MI 49057



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Corn / Lumax  
 SOIL DESCRIPTION: Theftord loamy sand, well drained, non-irrigated  
 SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 6.1 pH, 2.0% OM, 6.6 CEC  
 PEST MANAGEMENT: Resicore, Force  
 FERTILITY - Applied N: 21 Spring, 18 Planter, 180 Sidedress  
 Applied N-P-K (units): 219-60-120  
 SEEDING - RATE - ROW: Apr 28 34,500 /A 30" spacing  
 HARVESTED - STAND: Nov 1 34,000 /A

**Early-Season Test**  
**96 - 101 Day CRM**  
 B2017MISO21a

**Top 30 of 36**

For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
W & W Seeds	46L40	V7P2.B	99	144.3	14.1	1	34.4	451	2
FG seedcorp	FG 46211 MB	STL.B	99	144.1	14.7	2	33.5	450	3
Dura-Gro	D395040 GC	V7P2.DG	99	144.7	14.5	2	35.2	450	4
Wega	CX70187	V7P	97	145.7	14.1	1	34.4	476	5
Great Lakes	7026 T2P4B	V7P.B	100	147.3	14.1	1	33.5	471	6
Dura-Gro	D410071 GC	STL	101	146.1	14.2	1	34.4	468	7
Specialty	304307	STL.B	100	145.7	14.2	1	35.3	468	8
Ross	863800 V7P	V7P.DG.B	100	144.9	14.2	1	34.4	464	9
Great Lakes	4606 T2P4D	V7P	99	144.4	14.2	1	33.5	462	10
Golden Harvest	037P2 30114	3011.A	101	142.5	14.5	1	35.3	458	11
Great Lakes	4726 T2P4D	V7P	99	142.5	13.9	1	35.3	458	12
Specialty	204236	STL.B	99	142.3	14.2	1	35.3	458	13
Wega	4625 T2P4B	V7P	99	142.1	14.2	1	32.5	455	14
Ross	86320 V7P	V7P.B	101	141.7	14.1	2	31.6	455	15
Rupp	1129 T2	STL.B	99	141.5	14.2	2	35.7	453	16
Golden Harvest	037P2 3112	3112.A	97	141.5	14.1	1	32.5	452	17
Seed Consultants	SCS 101046P	V7P.B	99	141.5	14.3	2	34.4	451	18
W & W Seeds	46L21	V7P.B	99	140.9	14.3	1	33.5	448	19
Nufach	96 400	3011.A	99	140.9	14.6	2	33.5	448	20
Golden Harvest	037P2	ST	99	138.3	14.3	1	35.2	443	21
Dorland	D5 401	STL	101	137.9	14.3	1	35.3	441	22
Pharos	PH2000 GC	V7P	99	137.7	13.9	1	31.6	441	23
Golden Harvest	037P2 10142P	10142.A	99	136.4	13.7	1	33.5	438	24
Nufach&J Gen	9F 401	3011.A&B	101	135.2	15.4	1	35.2	431	25
W & W Seeds	46L31	V7P.B	101	135.0	14.7	1	34.4	432	26
Nufach&J Gen	9F 701	46L4&B	101	133.3	14.5	2	33.5	427	27
FG seedcorp	FG 50111 MB	STL.B	100	132.3	13.9	1	34.4	423	28
Rupp	1100 B1	V7P.B	100	132.1	13.9	1	35.3	423	29
Nufach&J Gen	9F 400P	ST	97	132.0	13.9	1	34.4	422	30
Rupp	1101 B1	V7P	97	131.9	14.0	1	34.4	422	31
Total			101	141.9	14.3	1	33.5	450	1

DATA REJECTED

*Jason T. Beyers*

Jason Beyers  
 beyers@frontiernet.net, (815) 985-7369

Averages =	<b>140.0</b>	<b>14.3</b>	<b>1</b>	<b>34.0</b>	<b>448</b>
LSD (0.10) =	21.4	0.7	2		
LSD (0.25) =	14.9	0.5	1		
C.V. =	13.1	Prev. years average yield, 225.0 bu/a, 1 yr			

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

**Test Comments:** *This plot was planted early and got off to a great start. It had high yield potential through pollination with good ear girth and kernels pollinated to the tip. But a dry August and September on this sandy loam soil produced inconsistent yields, directly related to limited soil moisture availability. Yield results were inconsistent across replications and statistically invalid, as a result are rejected.*

† 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

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Report Date: 11/03/2017 Revised:

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 PEST MANAGEMENT: Resicore, Force  
 FERTILITY - Applied N: 21 Spring, 18 Planter, 180 Sidedress  
 Applied N-P-K (units): 219-60-120  
 SEEDED - RATE - ROW: Apr 28 34,500 /A 30" spacing  
 HARVESTED - STAND: Nov 1 33,000 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
 B2017MISO21b

**Top 30 of 36**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	32488	STx.B	102	163.7	15.4	2	33.0	520	1
Danvers	DS-M2488	STx	104	163.0	15.0	1	31.0	508	2
FS seedstock	FS 54211 888	STx.B	104	173.9	15.1	1	34.4	570	2
Ross	RS423071	STx	102	174.8	15.0	1	33.0	553	4
Golden Harvest	GH124 3123-42N	3123.B	102	174.5	15.0	1	33.0	550	5
Golden Harvest	GH881 3012	3012	105	171.8	15.0	1	33.0	545	7
Seed Consultants	SCS 102748P	01	102	169.8	15.4	1	34.4	538	8
Danvers	DK124 4898-GC	V7ZP.B	102	169.5	15.0	1	30.3	527	9
W & W Seeds	48944	V7ZP.B	102	169.2	15.0	1	30.3	526	10
Ross	RS7172071	STx.B	105	167.8	15.0	1	31.2	522	11
Ross	4026-75	V7ZP.B	102	167.2	15.0	1	31.2	520	12
FS seedstock	FS 50711 888	STx.B	102	166.8	15.0	1	34.4	528	14
Great Lakes	GL124 1298	V7ZP.B	105	165.1	15.0	1	34.4	520	13
Golden Harvest	GH124 3123-42N	3123.B	105	165.0	15.0	2	33.0	524	15
Halfbush 2 Gen	HF 807	STx	102	165.0	15.7	1	34.4	518	20
Weggs	WS212988	STx	102	165.0	15.4	1	32.0	524	16
Pioneer	P332847-GC	STx.B	102	165.0	15.0	1	30.3	523	17
Danvers	DK124 4898-GC	STx.B	102	163.2	15.0	1	31.0	520	18
Danvers	DS-M208	STx.B	102	162.8	15.0	1	31.0	518	19
Golden Harvest	GH124 3123-42N	3123.B	102	161.1	15.0	8	34.4	511	22
Halfbush 2 Gen	HF 807	STx	104	160.7	15.0	1	30.3	512	21
FS seedstock	FS 52211 888	STx.B	102	160.2	15.0	1	30.3	511	23
Seed Consultants	SCS 102747P	01	104	159.2	15.2	4	34.4	504	27
Great Lakes	GL207198	STx.B	102	158.7	15.2	2	32.0	508	24
Danvers	DK124 4898-GC	STx.B	101	158.7	15.0	1	28.7	505	25
Ross	RS7172071	V7ZP 20L.B	102	158.0	15.1	1	34.4	505	26
Ross	4026-75	V7ZP.B	102	158.0	15.0	1	30.3	498	28
W & W Seeds	48944	V7ZP.B	104	155.0	15.2	1	34.4	498	29
Weggs	WS212988	V7ZP	102	155.0	15.4	2	33.0	495	30
Specialty	32488	STx.B	104	154.2	15.0	1	32.0	491	31
Pioneer	P332847-GC	STx.B	102	153.0	15.1	1	33.0	500	32

DATA REJECTED

 Jason Beyers beyers@frontiernet.net, (815) 985-7369	Averages =	<b>163.7</b>	<b>15.7</b>	<b>2</b>	<b>33.0</b>	<b>520</b>
	LSD (0.10) =	21.4	0.6	2		
	LSD (0.25) =	14.9	0.4	2		
	C.V. =	9.6				
					Prev. years average yield, 225.0 bu/a, 1 yr	

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

**Test Comments:** *This plot was planted early and got off to a great start. It had high yield potential through pollination with good ear girth and kernels pollinated to the tip. But a dry August and September on this sandy loam soil produced inconsistent yields, directly related to limited soil moisture availability. Yield results were inconsistent across replications and statistically invalid, as a result are rejected.*

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**Early-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9701RA	STX,B	CM,C5,Vi,In	101					
Dyna-Gro	D37VC60RIB GC	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43 GC	VT2P,DG	AC,P5V	99					
Dyna-Gro	D41SS71 GC	STX	AC,P5V	101					
FS InVISION	FS 49ZX1 RIB	STX,B	AC,P5V	99					
FS InVISION	FS 50VX1 RIB	STX,B	AC,P5V	100					
Golden Harvest	G01P52-3011A	3011,A	CM,C2	101					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Golden Harvest	G99T64-GT	GT	AVC,C2,Vi	99					
Great Lakes	4728VT2PRO	VT2P	AC,P5V	97					
Great Lakes	4988VT2PRO	VT2P	AC,P5V	99					
Great Lakes	5029VT2RIB	VT2P,B	AC,P5V	100					
Integra	4902VT2PRIB	VT2P	AC,P2	99					
Integra	CX701097	VT2P	AC,P5V	97					
M & W Seeds	45M21	VT2P,B	AC,P2	100					
M & W Seeds	45N31	VT2P,B	AC,P2	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech/G2 Gen	5F-196^	AM,B	MQ,P5V,R	96					
NuTech/G2 Gen	5F-601^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5F-701^	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-6097^	OI	MQ,P1V,R	97					
Pioneer	P0157AMX CK	AMX,AQ,B	MQ,P1V	101					
Pioneer	P9929AMXT GC	AMXT,B	MQ,C2,R,Lu	99					
Renk	RK595SSTX	STX,B	AC,P5V	99					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK612SSTX	STX,B	AC,P5V	100					
Renk	RK629VT3P	VT3P,B	AC,P2	101					
Rupp	xrD00-51	VT2P,B	AC,P2	100					
Rupp	xrD97-95	VT2P	AC,P5V	97					
Rupp	xrJ99-70	STX,B	AC,P2	99					
Seed Consultants	SCS 1018YHR^	OI,AQ	MQ,P1V,R	101					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	30A307	STX,B	AC,P5V	100					

2017 Corn Grain - Michigan South [ MISO ]



**Full-Season Test Products (36 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-9802RA	STX,B	CM,C5,Vi,In	102					
Dairyland	DS-9804SSX	STX	CM,C5,Vi,In	104					
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101					
Dekalb	DKC52-68RIB GC	VT2P,B	AC,P2	102					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
FS InVISION	FS 52RL0 EZR	3120,B	AVC,C2,Vi	102					
FS InVISION	FS 52ZX1 RIB	STX,B	AC,P5V	102					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
Golden Harvest	G03A50-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105					
Golden Harvest	G05T82-3122-EZR	3122,B	AVC,C2,Vi	105					
Great Lakes	5283STXRIB	STX,B	AC,P5V	102					
Great Lakes	5556VT2RIB	VT2P,B	AC,P5V	105					
Integra	5250VT2P	VT2P	AC,P5V	102					
Integra	5562VT2PRIB	VT2P,B	AC,P2	105					
M & W Seeds	44D81	VT2P,B	AC,P2	108					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45N89	VT2P,B	AC,P2	104					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	MQ,P1V,R	103					
Pioneer	P0157AMX CK	AMX,AQ,B	MQ,P1V	101					
Pioneer	P0339AMT GC	AMT,AQ,B	MQ,P1V	103					
Renk	RK642SSTX	STX	AC,P5V	103					
Renk	RK675DGV2P	VT2P,DG,B	AC,P2	103					
Renk	RK680SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX,B	AC,P5V	105					
Rupp	xrD02-93	VT2P,B	AC,P2	102					
Rupp	xrD06-70	VT2P,B	AC,P2	105					
Rupp	xrJ05-75	STX,B	AC,P2	105					
Seed Consultants	SCS 1037YHR^	OI	MQ,P5V,R	103					
Seed Consultants	SCS 10HR43^	HX,RR2	CE,C2	104					
Specialty	32A886	STX,B	AC,P5V	102					
Specialty	34A007	STX,B	AC,P5V	104					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> 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 <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

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

### Corn Seed Treatments\*\*

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

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