

# 2017 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Wheat/Clover / MCPA  
 SOIL DESCRIPTION: Ziegenfuss clay, mod. well drained, non-irrigated  
 SOIL CONDITION: No-till, very high P, medium K, 6.1 pH, 3.3% OM, 20.8 CEC  
 PEST MANAGEMENT: Roundup, 2-4,D, Lumax, Roundup, Force  
 FERTILITY - Applied N: 18 Spring, 180 Sidedress  
 Applied N-P-K (units): 198-46-120  
 SEEDING - RATE - ROW: May 3 34,500 /A 30" spacing  
 HARVESTED - STAND: Oct 26 25,900 /A

## Early-Season Test

96 - 101 Day CRM

B2017MISO20a

## Top 30 of 36

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	26A236	STX,B	96	<b>168.3</b>	18.3	1	29.3	522	1
Golden Harvest	G97N86-3110	3110	97	<b>161.4</b>	18.2	1	29.3	501	2
M & W Seeds	46L43	VT2P,B	96	<b>159.6</b>	18.8	1	32.1	493	3
Great Lakes	4728VT2PRO	VT2P	97	<b>157.5</b>	18.6	1	32.1	487	4
Great Lakes	5029VT2RIB	VT2P,B	100	154.3	20.0	1	25.1	471	6
NuTech	5N-800	3011,A	100	153.7	18.8	1	27.9	474	5
M & W Seeds	45M21	VT2P,B	100	152.4	20.0	1	30.7	465	10
Seed Consultants	SCS 1018YHR^	OI,AQ	101	152.4	20.7	1	26.5	462	13
Golden Harvest	G96V99-3120-EZR	3120,B	96	151.6	19.3	1	22.3	466	8
Dyna-Gro	D41SS71 GC	STX	101	151.6	19.7	1	32.1	464	12
FS InVISION	FS 49ZX1 RIB	STX,B	99	150.8	18.3	1	27.9	468	7
NuTech/G2 Gen	5FN-6097^	OI	97	150.8	18.7	1	26.5	466	9
Rupp	xrJ99-70	STX,B	99	150.6	18.7	1	26.5	465	11
Integra	CX701097	VT2P	97	150.3	19.4	1	29.3	461	17
Specialty	30A307	STX,B	100	149.8	19.9	1	27.9	457	18
Renk	RK595SSTX	STX,B	99	149.1	18.4	1	23.7	462	15
FS InVISION	FS 50VX1 RIB	STX,B	100	149.1	20.5	1	25.1	453	20
Dyna-Gro	D37VC60RIB GC	VT2P,B	97	147.8	17.4	1	26.5	462	16
Rupp	xrD97-95	VT2P	97	147.8	19.2	1	32.1	454	19
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	146.6	18.8	1	23.7	452	21
Renk	RK629VT3P	VT3P,B	101	146.6	19.5	1	27.9	449	22
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	144.8	19.7	1	22.3	443	23
Renk	RK612SSTX	STX,B	100	143.9	19.4	1	23.7	441	24
Renk	RK608DGV2P	VT2P,DG,B	100	143.2	18.9	1	23.7	441	25
M & W Seeds	45N31	VT2P,B	101	142.7	18.7	1	23.7	441	26
Dairyland	DS-9599	3000GT	99	142.3	19.0	1	26.5	438	27
Rupp	xrD00-51	VT2P,B	100	140.9	19.4	1	19.5	432	29
NuTech/G2 Gen	5F-196^	AM,B	96	139.9	18.2	1	27.9	434	28
Golden Harvest	G01P52-3011A	3011,A	101	139.9	19.1	1	18.1	430	31
Golden Harvest	G99T64-GT	GT	99	139.5	18.5	1	27.9	432	30
Pioneer	P0157AMX CK	AMX,AQ,B	101	149.7	18.8	1	23.7	462	14

Jason Beyers

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Averages = **147.5** **19.1** **1** **25.9** **454**

LSD (0.10) = 8.1 ns ns

LSD (0.25) = 4.2 ns ns

C.V. = 4.2 Prev. years average yield, 179.4 bu/a, 8 yrs

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 no-till planted immediately before a very cold wet period in early May. These conditions hampered seedling emergence and early growth that likely limited yield potential. Stalk quality was good at harvest with very little disease. Ears were long, girthy and filled to the tip. Just not enough ears to see full yield potential. One early-season test replication omitted due to poor final stand.

† 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: 10/28/2017 Revised:

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 SOIL CONDITION: No-till, very high P, medium K, 6.1 pH, 3.3% OM, 20.8 CEC  
 PEST MANAGEMENT: Roundup, 2-4,D, Lumax, Roundup, Force  
 FERTILITY - Applied N: 18 Spring, 180 Sidedress  
 Applied N-P-K (units): 198-46-120  
 SEEDING - RATE - ROW: May 3 34,500 /A 30" spacing  
 HARVESTED - STAND: Oct 26 29,000 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
 B2017MISO20b

## 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
NuTech/G2 Gen	5F-504^	AM,B	104	<b>170.1</b>	20.3	1	28.8	517	1
Golden Harvest	G05B91-3010	3010	105	<b>167.9</b>	20.8	1	32.5	508	2
Rupp	xrD06-70	VT2P,B	105	<b>166.3</b>	22.5	1	28.8	495	4
Golden Harvest	G03C84-3120-EZR	3120,B	103	<b>165.6</b>	19.6	1	31.6	507	3
Seed Consultants	SCS 10HR43^	HX,RR2	104	<b>162.1</b>	22.0	1	29.7	485	6
Seed Consultants	SCS 1037YHR^	OI	103	160.4	19.4	1	29.7	492	5
Renk	RK717SSTX	STX,B	105	157.7	20.6	1	29.7	478	7
FS InVISION	FS 54ZX1 RIB	STX,B	104	156.3	21.7	1	32.5	469	9
M & W Seeds	45N89	VT2P,B	104	155.4	20.9	1	28.8	470	8
NuTech/G2 Gen	5F-503^	AM,B	103	152.5	19.5	1	27.9	467	10
Pioneer	P0339AMT GC	AMT,AQ,B	103	152.1	20.6	1	31.6	461	11
Great Lakes	5283STXRIB	STX,B	102	151.8	21.0	1	26.0	458	13
FS InVISION	FS 52ZX1 RIB	STX,B	102	150.6	20.1	1	31.6	459	12
Golden Harvest	G03A50-3120-EZR	3120,B	103	150.6	20.6	4	33.5	457	15
Dekalb	DKC54-38RIB GC	STX,B	104	149.8	21.1	1	28.8	452	19
Dairyland	DS-9804SSX	STX	104	149.5	19.8	1	27.9	457	16
Specialty	34A007	STX,B	104	148.8	19.1	1	28.8	458	14
Renk	RK642SSTX	STX	103	148.4	19.7	1	29.7	454	18
FS InVISION	FS 55TX1 RIB	STX,B	105	148.4	20.7	1	32.5	450	21
Rupp	xrJ05-75	STX,B	105	147.7	22.3	1	29.7	440	25
Renk	RK680SSTX	STX,B	103	147.5	18.6	1	33.5	456	17
M & W Seeds	44D81	VT2P,B	108	147.0	23.2	1	26.0	434	30
Specialty	32A886	STX,B	102	146.3	20.6	1	27.9	444	22
FS InVISION	FS 52RL0 EZR	3120,B	102	145.8	20.9	1	26.0	441	24
Integra	5250VT2P	VT2P	102	145.6	20.3	4	28.8	443	23
Great Lakes	5556VT2RIB	VT2P,B	105	144.1	20.1	1	26.0	439	26
Rupp	xrD02-93	VT2P,B	102	143.3	20.0	1	26.9	437	27
Dairyland	DS-9802RA	STX,B	102	142.6	19.7	1	27.9	436	29
Renk	RK675DGV2P	VT2P,DG,B	103	142.4	19.3	1	26.9	437	28
Golden Harvest	G05T82-3122-EZR	3122,B	105	141.5	20.0	1	31.6	432	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	148.3	20.0	1	30.7	452	20

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Averages =	<b>149.7</b>	<b>20.5</b>	<b>1</b>	<b>29.0</b>	<b>454</b>
LSD (0.10) =	11.2	ns	ns		
LSD (0.25) =	5.9	ns	ns		
C.V. =	7.1	Prev. years average yield, 179.4 bu/a, 8 yrs			

**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 no-till planted immediately before a very cold wet period in early May. These conditions hampered seedling emergence and early growth that likely limited yield potential. Stalk quality was good at harvest with very little disease. Ears were long, girthy and filled to the tip. Just not enough ears to see full yield potential. One early-season test replication omitted due to poor final stand.*

† 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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2017 Corn Grain - Michigan South [ MISO ]



**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 <sup>™</sup> and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech <sup>™</sup> 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. VPM <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> , VPM <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst <sup>™</sup> , Innotech <sup>™</sup> 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 <sup>™</sup> (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 <sup>™</sup> Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia <sup>™</sup>
AL2500	Alert 2500 <sup>™</sup>	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 <sup>™</sup>
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.