

2017 Corn Grain Top 30 Harvest Report

Michigan South [MISO] MASON
 Tony Igl, Ingham County, MI 48845



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

PREV. CROP/HERB: Soybean / Liberty
 SOIL DESCRIPTION: Capac loam, mod. well drained, non-irrigated
 SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 5.6 pH, 2.0% OM, 14.2 CEC
 PEST MANAGEMENT: Capreno, atrazine, Force
 FERTILITY - Applied N: 54 Spring, 6 Planter, 110 Sidedress
 Applied N-P-K (units): 170-20-60
 SEEDING - RATE - ROW: May 20 34,500 /A 30" spacing
 HARVESTED - STAND: Nov 9 33,600 /A

Early-Season Test

96 - 101 Day CRM
 B2017MISO23a

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	5FN-6097^	OI	97	153.0	17.6	1	36.2	478	1
Golden Harvest	G97N86-3110	3110	97	148.7	17.0	1	31.6	467	2
NuTech	5N-800	3011,A	100	147.9	18.9	1	34.4	456	3
Dairyland	DS-9599	3000GT	99	147.7	18.8	1	35.3	456	4
Dyna-Gro	D39DC43 GC	VT2P,DG	99	147.4	18.5	1	34.4	456	5
NuTech/G2 Gen	5F-196^	AM,B	96	144.7	17.4	1	30.7	453	6
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	143.1	18.5	1	35.3	443	7
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	142.3	18.8	1	33.5	439	10
Golden Harvest	G01P52-3011A	3011,A	101	141.6	18.8	1	31.6	437	12
Renk	RK595SSTX	STX,B	99	141.3	18.3	1	35.3	438	11
FS InVISION	FS 49ZX1 RIB	STX,B	99	141.2	17.9	1	33.5	440	9
M & W Seeds	45M21	VT2P,B	100	141.1	19.1	1	32.5	434	14
Golden Harvest	G96V99-3120-EZR	3120,B	96	140.1	16.7	1	32.5	441	8
Specialty	30A307	STX,B	100	138.6	18.6	1	32.5	429	15
Dairyland	DS-9701RA	STX,B	101	137.3	18.9	1	32.5	423	18
Renk	RK608DGV2P	VT2P,DG,B	100	137.2	18.5	1	29.7	425	16
FS InVISION	FS 50VX1 RIB	STX,B	100	136.8	18.1	1	32.5	425	17
Pioneer	P9929AMXT GC	AMXT,B	99	135.5	18.7	1	31.6	419	20
Seed Consultants	SCS 1018YHR^	OI,AQ	101	135.3	19.0	1	32.5	417	22
Great Lakes	4988VT2PRO	VT2P	99	135.2	18.1	1	36.2	420	19
Golden Harvest	G99T64-GT	GT	99	134.4	17.8	2	35.3	419	21
Rupp	xrD00-51	VT2P,B	100	134.1	19.9	1	32.5	409	27
Renk	RK629VT3P	VT3P,B	101	133.5	18.9	1	34.4	412	24
M & W Seeds	45N31	VT2P,B	101	133.3	18.9	1	31.6	411	25
Rupp	xrJ99-70	STX,B	99	132.7	17.7	1	34.4	414	23
Renk	RK612SSTX	STX,B	100	132.3	18.8	1	33.5	408	30
Dyna-Gro	D37VC60RIB GC	VT2P,B	97	131.6	17.5	1	33.5	411	26
Great Lakes	5029VT2RIB	VT2P,B	100	131.6	18.0	1	33.5	409	28
Integra	4902VT2PRIB	VT2P	99	131.0	17.6	1	36.2	409	29
M & W Seeds	46L43	VT2P,B	96	129.2	16.8	1	37.2	406	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	140.2	18.3	1	35.3	435	13

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Averages =	137.1	18.2	1	33.6	425
LSD (0.10) =	9.9	0.5	ns		
LSD (0.25) =	5.2	0.2	ns		
C.V. =	6.8	Prev. years average yield, 169.4 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: The plot was no-till planted in late May. Three weeks of hot, dry weather followed emergence and vegetative growth was stunted. Good rains followed to promote crop growth well through pollination and ear development. Unfortunately, rainfall was limited in August and September. Cool Temperatures helped maximize grain fill but late-season rains arrived too late to reach full yield potential.

† 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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PEST MANAGEMENT: Capreno, atrazine, Force
FERTILITY - Applied N: 54 Spring, 6 Planter, 110 Sidedress
Applied N-P-K (units): 170-20-60
SEEDING - RATE - ROW: May 20 34,500 /A 30" spacing
HARVESTED - STAND: Nov 9 30,900 /A

Full-Season Test
102 - 105 Day CRM
B2017MISO23b

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
Golden Harvest	G05B91-3010	3010	105	153.7	19.3	1	33.5	472	1
Dairyland	DS-9802RA	STX,B	102	149.0	19.5	1	32.1	457	2
Rupp	xrD02-93	VT2P,B	102	145.2	20.2	1	34.8	442	4
Specialty	32A886	STX,B	102	144.9	21.7	1	26.5	435	5
Pioneer	P0339AMT GC	AMT,AQ,B	103	141.4	19.3	1	33.5	434	6
M & W Seeds	44D81	VT2P,B	108	140.2	21.2	1	29.3	423	10
M & W Seeds	45N89	VT2P,B	104	139.8	18.4	1	27.9	433	7
Renk	RK717SSTX	STX,B	105	137.6	18.1	1	29.3	428	8
Great Lakes	5556VT2RIB	VT2P,B	105	137.5	18.6	1	32.1	425	9
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	103	135.5	18.0	1	39.0	421	11
Integra	5250VT2P	VT2P	102	135.5	18.8	1	25.1	418	12
Dairyland	DS-9804SSX	STX	104	135.1	21.6	1	32.1	406	19
Rupp	xrD06-70	VT2P,B	105	135.0	19.4	1	33.5	414	15
NuTech/G2 Gen	5F-504^	AM,B	104	134.6	18.8	1	33.5	415	13
Renk	RK675DGV2P	VT2P,DG,B	103	134.3	18.6	1	25.1	415	14
FS InVISION	FS 55TX1 RIB	STX,B	105	133.1	21.5	1	29.3	400	24
Renk	RK680SSTX	STX,B	103	132.7	18.9	1	32.1	409	16
Great Lakes	5283STXRIB	STX,B	102	132.1	18.5	1	34.8	409	17
Integra	5562VT2PRIB	VT2P,B	105	131.2	18.0	1	30.7	408	18
Golden Harvest	G03C84-3120-EZR	3120,B	103	130.4	18.3	1	27.9	404	21
Specialty	34A007	STX,B	104	130.3	18.5	1	33.5	403	22
Golden Harvest	G03A50-3120-EZR	3120,B	103	130.2	17.6	1	29.3	406	20
Golden Harvest	G05T82-3122-EZR	3122,B	105	128.9	19.4	1	29.3	395	25
Dekalb	DKC51-38RIB GC	STX,B	101	128.0	17.2	1	30.7	401	23
M & W Seeds	45M44	VT2P,B	103	127.8	21.1	1	29.3	386	29
Seed Consultants	SCS 10HR43^	HX,RR2	104	127.5	19.3	1	33.5	392	26
NuTech/G2 Gen	5F-503^	AM,B	103	126.2	18.0	3	32.1	392	27
Seed Consultants	SCS 1037YHR^	OI	103	125.8	18.2	1	27.9	390	28
FS InVISION	FS 54ZX1 RIB	STX,B	104	123.5	18.1	1	29.3	384	30
Rupp	xrJ05-75	STX,B	105	122.2	18.5	1	34.8	378	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	145.5	17.9	3	33.5	453	3

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Averages = **132.6** **19.1** **1** **30.9** **408**

LSD (0.10) = 9.4 1.4 ns

LSD (0.25) = 4.9 0.7 ns

C.V. = 5.4 Prev. years average yield, 169.4 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: *The plot was no-till planted in late May. Three weeks of hot, dry weather followed emergence and vegetative growth was stunted. Good rains followed to promote crop growth well through pollination and ear development. Unfortunately, rainfall was limited in August and September. Cool Temperatures helped maximize grain fill but late-season rains arrived too late to reach full yield potential.*

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

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