

2017 Corn Grain Top 30 Harvest Report

Michigan South [MISO] READING
Tom Schroeder, Hillsdale County, MI 49274



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

PREV. CROP/HERB: Corn / Degree Xtra, TripleFlex
SOIL DESCRIPTION: Coloma sand, well drained, irrigated
SOIL CONDITION: Conventional w/ fall till, very high P, high K, 6 pH, 1.3% OM, 6.2 CEC
PEST MANAGEMENT: Degree Xtra, TripleFlex, Roundup, Force
FERTILITY - Applied N: 26 Fall, 150 Spring, 24 Foliar
Applied N-P-K (units): 200-0-0
SEEDING - RATE - ROW: Apr 26 34,500 /A 30" spacing
HARVESTED - STAND: Oct 13 32,500 /A

Early-Season Test

96 - 101 Day CRM

B2017MISO19a

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
Rupp	xrD97-95	VT2P	97	226.5	19.8	1	32.5	692	1
Great Lakes	4988VT2PRO	VT2P	99	217.1	21.8	1	31.6	650	3
Golden Harvest	G96V99-3120-EZR	3120,B	96	213.4	19.6	1	33.5	653	2
Great Lakes	5029VT2RIB	VT2P,B	100	213.0	21.4	1	33.5	641	4
Integra	CX701097	VT2P	97	207.9	22.0	1	31.6	622	5
Seed Consultants	SCS 1018YHR^	OI,AQ	101	205.3	21.6	1	30.7	616	9
Dairyland	DS-9599	3000GT	99	204.7	21.2	2	33.5	617	7
Renk	RK612SSTX	STX,B	100	204.2	21.7	1	31.6	612	10
Great Lakes	4728VT2PRO	VT2P	97	202.4	20.0	1	31.6	617	8
M & W Seeds	46L43	VT2P,B	96	201.3	19.3	2	33.5	618	6
Integra	4902VT2PRIB	VT2P	99	201.0	21.6	1	32.5	604	13
Golden Harvest	G97N86-3110	3110	97	200.3	20.5	1	32.5	608	11
Specialty	26A236	STX,B	96	199.6	20.5	1	33.5	605	12
Specialty	30A307	STX,B	100	197.1	21.9	1	30.7	590	14
NuTech/G2 Gen	5F-601^	AM,AQ,B	101	194.7	23.0	1	35.3	577	16
Rupp	xrD00-51	VT2P,B	100	192.8	21.8	1	30.7	578	15
NuTech/G2 Gen	5F-196^	AM,B	96	191.6	21.4	1	36.2	576	19
FS InVISION	FS 50VX1 RIB	STX,B	100	191.3	21.1	1	34.4	577	17
NuTech/G2 Gen	5F-701^	AM,AQ,B	101	190.5	20.9	1	29.7	576	20
Dyna-Gro	D41SS71 GC	STX	101	190.4	21.1	1	32.5	575	21
Renk	RK608DGV2P	VT2P,DG,B	100	189.9	20.4	1	31.6	577	18
M & W Seeds	45M21	VT2P,B	100	189.4	21.5	1	32.5	569	22
Dyna-Gro	D39DC43 GC	VT2P,DG	99	185.4	20.2	1	33.5	564	23
Golden Harvest	G99T64-GT	GT	99	182.5	20.7	1	32.5	553	24
Pioneer	P9929AMXT GC	AMXT,B	99	180.1	20.2	1	34.4	548	25
M & W Seeds	45N31	VT2P,B	101	178.5	22.0	1	32.5	534	27
Golden Harvest	G01P52-3011A	3011,A	101	175.1	21.8	1	32.5	524	30
Rupp	xrJ99-70	STX,B	99	175.0	20.9	1	29.7	529	29
NuTech	5N-800	3011,A	100	174.6	20.3	1	32.5	531	28
Renk	RK629VT3P	VT3P,B	101	173.3	22.0	1	30.7	518	31
Pioneer	P0157AMX CK	AMX,AQ,B	101	180.8	21.1	1	31.6	545	26

Jason Beyers

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

Averages = **189.8** **21.0** **1** **32.5** **573**

LSD (0.10) = 20.1 ns 1

LSD (0.25) = 10.5 ns 0

C.V. = 10.0 Prev. years average yield, 169.2 bu/a, 12 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 is a variable sandy soil that is under center pivot irrigation. Everything emerged well, but corn height was variable at the V5 growth stage (3-4" differences). Pollination went well, filling out the ear to the tip. Ear tip die-back was noted on very few hybrids. Stalk quality was still excellent, but Anthracnose was present in the plot. Foliar diseases were also present, but to a lesser extent.*

† 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: 10/14/2017 Revised:

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PEST MANAGEMENT: Degree Xtra, TripleFlex, Roundup, Force
FERTILITY - Applied N: 26 Fall, 150 Spring, 24 Foliar
Applied N-P-K (units): 200-0-0
SEEDING - RATE - ROW: Apr 26 34,500 /A 30" spacing
HARVESTED - STAND: Oct 13 32,400 /A

Full-Season Test
102 - 105 Day CRM
B2017MISO19b

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	213.9	24.5	1	34.4	624	1
Specialty	32A886	STX,B	102	211.9	24.3	1	31.6	619	2
M & W Seeds	44D81	VT2P,B	108	210.5	27.0	1	29.7	598	8
Integra	5562VT2PRIB	VT2P,B	105	209.9	26.6	1	34.4	599	7
M & W Seeds	45N89	VT2P,B	104	208.3	23.9	1	31.6	611	4
Seed Consultants	SCS 1037YHR^	OI	103	207.8	23.2	1	34.4	614	3
Rupp	xrD02-93	VT2P,B	102	206.0	23.0	1	34.4	610	5
FS InVISION	FS 52RL0 EZR	3120,B	102	205.6	24.0	1	33.5	602	6
Rupp	xrJ05-75	STX,B	105	204.5	25.4	1	32.5	591	9
Pioneer	P0339AMT GC	AMT,AQ,B	103	202.7	25.3	1	33.5	586	10
NuTech/G2 Gen	5F-503^	AM,B	103	201.5	25.2	1	35.3	583	11
Seed Consultants	SCS 10HR43^	HX,RR2	104	196.2	25.8	1	33.5	564	17
Dekalb	DKC51-38RIB GC	STX,B	101	194.5	24.8	1	31.6	565	15
Golden Harvest	G03A50-3120-EZR	3120,B	103	194.0	22.6	1	32.5	577	12
Rupp	xrD06-70	VT2P,B	105	194.0	23.1	1	33.5	574	13
FS InVISION	FS 52ZX1 RIB	STX,B	102	192.1	22.8	1	31.6	570	14
Dairyland	DS-9802RA	STX,B	102	191.6	23.4	1	30.7	565	16
Specialty	34A007	STX,B	104	187.4	25.4	1	34.4	541	20
Integra	5250VT2P	VT2P	102	186.6	22.0	1	30.7	558	18
Dekalb	DKC52-68RIB GC	VT2P,B	102	185.2	22.8	1	31.6	549	19
Golden Harvest	G05T82-3122-EZR	3122,B	105	185.1	24.8	1	29.7	538	21
FS InVISION	FS 55TX1 RIB	STX,B	105	183.2	25.6	1	30.7	528	28
Renk	RK675DGV2P	VT2P,DG,B	103	182.2	23.3	1	28.8	538	22
Great Lakes	5556VT2RIB	VT2P,B	105	181.6	24.0	1	36.2	532	24
Great Lakes	5283STXRIB	STX,B	102	180.2	23.4	1	34.4	531	26
Renk	RK717SSTX	STX,B	105	179.6	25.7	1	31.6	517	30
NuTech/G2 Gen	X5LN-0308^	OIXT,AQ	103	179.5	22.7	1	30.7	533	23
Renk	RK642SSTX	STX	103	178.7	22.9	1	32.5	529	27
Golden Harvest	G05B91-3010	3010	105	178.5	22.4	1	28.8	532	25
FS InVISION	FS 54ZX1 RIB	STX,B	104	174.3	22.5	1	33.5	519	29
Pioneer	P0157AMX CK	AMX,AQ,B	101	163.1	23.2	1	35.3	482	34

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Averages =	189.0	24.1	1	32.4	553
LSD (0.10) =	18.5	1.4	ns		
LSD (0.25) =	9.7	0.8	ns		
C.V. =	9.2	Prev. years average yield, 169.2 bu/a, 12 yrs			

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

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Report Date: 10/14/2017 Revised: 10/16/2017 All results in Oct 14 table incorrect due to a copy paste error. Discard Oct 14 table.

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 [®] 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.