

# 2018 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 Extra, TripleFlex  
SOIL DESCRIPTION: Riddles sandy loam, well drained, irrigated  
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 6.2 pH, 1.6% OM, 7.4 CEC  
PEST MANAGEMENT: Degree Xtra, TripleFlex, Force  
FERTILITY - Applied N: 45 Spring, 14 Planter, 120 Sidedress  
Applied N-P-K (units): 179-14-0  
SEDED - RATE - ROW: May 5 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 4 31,400 /A

## Early-Season Test

96 - 101 Day CRM

B2018MISO19a

## 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
<b>Specialty</b>	<b>27D728</b>	<b>VT2P,B</b>	<b>97</b>	<b>240.6</b>	<b>19.2</b>	<b>1</b>	<b>32.2</b>	<b>872</b>	<b>1</b>
Pioneer	P9621AMXT GC	AMXT,B	96	240.4	19.3	1	34.8	870	2
Golden Harvest	G00H12-3010	3010	100	234.3	20.6	1	33.1	839	4
LG Seeds	LG5505VT2RIB	VT2P,B	101	232.9	19.8	1	34.8	840	3
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	231.6	19.6	1	32.2	837	6
Golden Harvest	G96V99-3120-EZR	3120,B	96	230.6	18.8	1	33.1	838	5
Dairyland	RPM-4018AM	AM,AQ,B	101	229.1	21.0	1	31.3	818	8
LG Seeds	LG5465VT2RIB	VT2P,B	97	228.1	18.5	1	31.3	831	7
FS InVISION	FS 51QX1 RIB	STX,B	101	226.3	21.2	1	30.4	807	12
Dekalb	DKC51-38RIB GC	STX,B	101	223.9	20.7	1	32.2	801	14
NK Brand	NK9659-3120-EZR	3120,B	96	222.8	18.6	1	34.0	811	10
LG Seeds	LG5494VT2RIB	VT2P,B	99	222.7	19.9	1	31.3	802	13
Renk	RK587VT2P	VT2P,B	97	222.4	18.9	1	28.6	808	11
Renk	RK579DGV2P	VT2P,DG	98	222.3	20.0	1	32.2	800	15
Renk	8-593SSTX	STX	99	219.0	19.1	1	34.0	794	17
Rupp	xrT94-06	VT3P,B	94	217.4	18.0	1	35.7	796	16
M & W Seeds	46L43	VT2P,B	96	217.3	18.5	1	31.3	792	18
NuTech/G2 Gen	5F-701	AM,AQ,B	101	216.9	21.4	1	31.3	772	21
Dairyland	DS-7101	PC	101	216.6	20.1	1	29.5	779	19
Seed Consultants	SCS 1018YHR	OI,AQ	101	212.6	21.4	1	33.1	756	26
Rupp	xrD97-95	VT2P,B	97	212.4	19.2	1	29.5	770	22
Dairyland	DS-9599	3000GT	99	212.3	18.4	1	30.4	774	20
Great Heart	HT-5509VT2PRIB GC	VT2P,B	95	210.5	19.0	1	27.7	764	23
M & W Seeds	46P76	VT2P,B	97	209.0	18.6	1	33.1	761	24
FS InVISION	FS 46RL0 EZR	3120,B	96	207.6	18.3	1	28.6	758	25
Dairyland	RPM-3715AM	AM,B	96	207.1	19.7	1	34.8	747	30
Golden Harvest	G97N86-3110	3110	97	206.3	18.5	1	31.3	752	27
NuTech/G2 Gen	5FN-2596	OI	96	205.7	19.1	1	27.7	746	31
FS InVISION	FS 47TV1 RIB	VT2P,B	97	205.6	18.8	1	31.3	748	29
Seed Consultants	SC 938AGV	3110,A	93	204.9	17.8	1	27.7	751	28
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	227.0	20.6	1	32.2	813	9

Jason Beyers

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

Averages = 217.1 19.4 1 31.4 785

LSD (0.10) = 11.1 0.8 ns

LSD (0.25) = 5.8 0.4 ns

C.V. = 4.8 Prev. years average yield, 174.0 bu/a, 13 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

**Test Comments:** Plot benefitted from early planting and germination before an extended wet period set in. Plant stand was good, plant height was not tall which helped provide good standability. There were no serious foliar diseases evident. This is an irrigated site with a pretty light soil texture with some stones, typical for the area.

† 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: 10/05/2018 Revised:

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PEST MANAGEMENT: Degree Xtra, TripleFlex, Force  
FERTILITY - Applied N: 45 Spring, 14 Planter, 120 Sidedress  
Applied N-P-K (units): 179-14-0  
SEEDING - RATE - ROW: May 5 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 4 30,400 /A

**Full-Season Test**  
**102 - 105 Day CRM**  
B2018MISO19b

**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
NK Brand	NK0440-3010	3010	104	242.7	22.5	1	32.2	856	2
Dairyland	RPM-4317AM	AM,B	103	240.7	21.3	1	34.8	857	1
Seed Consultants	SCS 1037YHR	OI	103	236.3	22.3	1	28.6	834	3
Rupp	xrD06-70	VT2P,B	106	235.9	22.9	1	34.0	829	5
Pioneer	P0339AMT GC	AMT,AQ,B	103	235.7	23.2	1	30.4	826	7
Golden Harvest	G04S19-3010	3010	104	235.0	23.8	1	32.2	819	8
LG Seeds	LG5499VT2RIB	VT2P,B	102	234.1	21.7	1	33.1	831	4
NuTech/G2 Gen	5FN-2204	OI	104	234.1	22.2	1	30.4	827	6
M & W Seeds	44R35	VT2P,B	105	233.3	23.9	1	27.7	813	10
NuTech/G2 Gen	E5FN-A604	OI	104	232.2	24.6	1	33.1	804	17
FS InVISION	FS 55TX1 RIB	STX,B	105	230.4	23.3	1	34.0	807	14
Dairyland	DS-7603PE	PC,E	103	230.3	23.1	1	28.6	808	12
Great Heart	HT-6238DGV2PRIB GC	VT2P,DG,B	102	229.4	21.6	1	32.2	815	9
Seed Consultants	SC 10AGT59	3010	105	229.4	22.6	1	31.3	808	13
Specialty	32A886	STX,B	102	229.2	22.6	1	31.3	807	15
FS InVISION	FS 53ZX1 RIB	STX,B	103	228.7	22.5	1	29.5	806	16
M & W Seeds	44P86	VT2P,B	105	227.8	23.0	1	34.0	800	19
Renk	RK604SSTX	STX	102	227.7	21.4	1	25.9	810	11
Golden Harvest	G03C84-3120-EZR	3120,B	103	227.5	22.4	1	34.8	803	18
Great Heart	HT-6524SSRIB GC	STX,B	105	224.6	23.0	1	31.3	788	21
LG Seeds	LG5525VT2RIB	VT2P,B	105	224.5	24.2	1	29.5	780	24
FS InVISION	FS 55RL1 EZR	3220,B	105	223.1	23.2	1	33.1	782	23
Dyna-Gro	D43SS81	STX	103	221.9	22.9	1	30.4	780	25
FS InVISION	FS 52RL0 EZR	3120,B	102	221.4	20.9	1	27.7	791	20
M & W Seeds	45M44	VT2P,B	103	221.0	22.9	1	32.2	776	26
Seed Consultants	SCS 10HR43	HX,RR2	104	220.2	22.7	1	29.5	775	27
Renk	RK717SSTX	STX,B	105	219.2	23.3	1	31.3	767	29
NK Brand	NK0330-3120-EZR	3120,B	103	218.0	22.5	1	30.4	768	28
Dyna-Gro	D44VC40	VT2P	104	216.5	23.2	1	25.9	759	30
M & W Seeds	45R69	VT2P,B	103	213.5	21.8	1	24.1	757	31
Pioneer	P0157AMXT CK	AMXT,AQ,B	101	220.0	21.0	1	30.4	785	22

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Averages = 225.4 22.7 1 30.4 793

LSD (0.10) = 11.4 1.1 ns

LSD (0.25) = 6.0 0.6 ns

C.V. = 4.8 Prev. years average yield, 174.0 bu/a, 13 yrs

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.75; non-GMO = \$3.75

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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-7101	PC	CM,C5,Vi,In	101					
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dekalb	DKC51-38RIB GC	STX,B	AC,P5V	101					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
FS InVISION	FS 46RL0 EZR	3120,B	CM,C2	96					
FS InVISION	FS 47TV1 RIB	VT2P,B	AC,P2	97					
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101					
Golden Harvest	G00H12-3010	3010	AVC,C2,Vi	100					
Golden Harvest	G96V99-3120-EZR	3120,B	AVC,C2,Vi	96					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
Great Heart	HT-5509VT2PRIB GC	VT2P,B	AC,P5V	95					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5505VT2RIB	VT2P,B	AC,P5V	101					
M & W Seeds	46L43	VT2P,B	AC,P2	96					
M & W Seeds	46P76	VT2P,B	AC,P2	97					
NK Brand	NK0199-3122A-EZR	3122,A,B	AVC,C2,Vi	101					
NK Brand	NK9505-3110	3110	AVC,C2,Vi	95					
NK Brand	NK9659-3120-EZR	3120,B	AVC,C2,Vi	96					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-2596	OI	MQ,P5V,R	96					
Pioneer	P0157AMXT CK	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P9621AMXT GC	AMXT,B	MQ,P1V,R	96					
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C5,R	99					
Renk	8-593SSTX	STX	AC,P5V	99					
Renk	RK579DGV2P	VT2P,DG	AC,P2	98					
Renk	RK587VT2P	VT2P,B	AC,P2	97					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Seed Consultants	SC 938AGV	3110,A	CM,C2,R,Lu,l	93					
Seed Consultants	SCS 1018YHR	OI,AQ	MQ,P1V,R	101					
Seed Consultants	SCS 989YHR	OI	MQ,P5V,R	98					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	27D728	VT2P,B	AC,P2	97					

2018 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-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4317AM	AM,B	MQ,P5V,R	103					
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104					
Dyna-Gro	D43SS81	STX	AC,P5V	103					
Dyna-Gro	D44VC40	VT2P	AC,P5V	104					
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
FS InVISION	FS 55RL1 EZR	3220,B	CM,C2,Vi	105					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Great Heart	HT-6238DGV2PRIB GC	VT2P,DG,B	AC,P5V	102					
Great Heart	HT-6524SSRIB GC	STX,B	AC,P5V	105					
LG Seeds	LG5499VT2RIB	VT2P,B	AC,P5V	102					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
M & W Seeds	44P86	VT2P,B	AC,P2	105					
M & W Seeds	44R35	VT2P,B	AC,P2	105					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45R69	VT2P,B	AC,P2	103					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0440-3010	3010	AVC,C2,Vi	104					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104					
Pioneer	P0157AMXT CK	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P0339AMT GC	AMT,AQ,B	MQ,P1V,R	103					
Renk	RK604SSTX	STX	AC,P5V	102					
Renk	RK642SSTX	STX,B	AC,P5V	103					
Renk	RK717SSTX	STX,B	AC,P5V	105					
Rupp	xrD03-07	VT2P,B	AC,P5V	103					
Rupp	xrD06-70	VT2P,B	AC,P2	106					
Seed Consultants	SC 10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants	SCS 1037YHR	OI	MQ,P1V,R	103					
Seed Consultants	SCS 10HR43	HX,RR2	MQ,P1V,R	104					
Specialty	32A886	STX,B	AC,P5V	102					
Specialty	34A007	STX,B	AC,P5V	104					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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