

# 2018 Corn Grain Top 30 Harvest Report

Michigan West Central [ MIWC ] 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. poor drained, non-irrigated  
SOIL CONDITION: No-till, high P, very high K, 6.4 pH, 2.4% OM, 9.9 CEC  
PEST MANAGEMENT: Thundermaster, Force  
FERTILITY - Applied N: 6 Planter, 160 Sidedress  
Applied N-P-K (units): 166-24-126  
SEEDING - RATE - ROW: May 2 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 26 31,200 /A

**All-Season Test**  
**95 - 104 Day CRM**  
B2018MIWC78

**Top 30 of 45**

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
Dairyland	RPM-4018AM	AM,AQ,B	101	<b>232.9</b>	25.9	1	34.0	797	2
Dyna-Gro	D39DC43	VT2P,DG	99	<b>231.2</b>	25.0	1	31.3	798	1
LG Seeds	LG5494VT2RIB	VT2P,B	99	<b>229.8</b>	25.5	1	33.1	789	4
Rupp	xrT94-06	VT3P,B	94	<b>225.7</b>	22.6	1	32.2	795	3
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	<b>223.6</b>	24.9	1	29.5	772	5
Dyna-Gro	D43SS81	STX	103	<b>222.2</b>	27.6	1	34.8	749	8
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	220.7	26.1	1	32.2	754	6
FS InVISION	FS 53ZX1 RIB	STX,B	103	219.9	29.0	1	34.0	732	13
NuTech/G2 Gen	E5FN-A604	OI	104	215.1	28.7	1	34.0	718	20
Dyna-Gro	D37VC64RIB	VT2P,B	97	213.8	23.0	1	32.2	750	7
Specialty	27D728	VT2P,B	97	213.7	24.0	1	34.8	744	9
LG Seeds	LG5470STXRIB GC	STX,B	98	213.6	24.7	1	34.0	739	11
FS InVISION	FS 47TV1 RIB	VT2P,B	97	212.8	24.1	1	28.6	740	10
M & W Seeds	46P76	VT2P,B	97	212.7	24.8	1	33.1	735	12
Golden Harvest	G03C84-3120-EZR	3120,B	103	212.3	27.9	1	32.2	714	21
M & W Seeds	45M44	VT2P,B	103	211.3	27.6	1	29.5	713	22
LG Seeds	LG5505VT2RIB	VT2P,B	101	211.2	25.7	1	31.3	724	18
Pioneer	P9621AMXT GC	AMXT,B	96	210.4	24.1	1	34.0	732	14
Renk	RK587VT2P	VT2P,B	97	210.3	24.0	1	32.2	732	15
Specialty	26A236	STX,B	96	208.4	23.6	1	28.6	728	16
Dekalb	DKC54-38RIB GC	STX,B	104	208.2	28.6	1	32.2	696	26
Golden Harvest	G95D32-3220-EZR	3220,B	95	207.4	23.9	1	35.7	722	19
NuTech/G2 Gen	5F-701	AM,AQ,B	101	207.3	25.6	1	34.0	711	23
Golden Harvest	G97N86-3110	3110	97	207.2	23.4	1	30.4	725	17
NuTech/G2 Gen	5FN-2204	OI	104	206.7	28.0	1	29.5	695	27
Specialty	32A886	STX,B	102	203.2	26.8	1	31.3	690	29
Dairyland	DS-9599	3000GT	99	202.8	25.1	1	30.4	699	25
LG Seeds	LG5465VT2RIB	VT2P,B	97	202.4	25.5	1	31.3	695	28
Golden Harvest	G95P13-3110	3110	95	202.2	23.1	1	30.4	709	24
FS InVISION	FS 51QX1 RIB	STX,B	101	202.0	26.2	1	30.4	690	30

Jason Beyers

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

Averages = **208.3** **26.0** **1** **31.2** **713**

LSD (0.10) = 13.4 0.8 ns

LSD (0.25) = 7.0 0.4 ns

C.V. = 6.1 Prev. years average yield, 168.1 bu/a, 9 yrs

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

**Test Comments:** *A wet spring forced this plot to be planted late. The weather pattern almost immediately transitioned to dry conditions which prevailed through pollination. That was followed by good late season moisture which helped to fill grain. Good plant health permitted maximum use of the beneficial fill period as high kernel weight helped compensate for earlier stress.*

† 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: 10/29/2018 Revised:

2018 Corn Grain - Michigan West Central [ MIWC ]



All-Season Test Products (45 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-7603PE	PC,E	CM,C5,Vi,In	103					
Dairyland	DS-9599	3000GT	CM,C5,Vi,In	99					
Dairyland	DS-9804RA	STX,B	CM,C5,Vi,In	103					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dairyland	RPM-4318AM	AM,B	MQ,P5V,R	104					
Dekalb	DKC54-38RIB GC	STX,B	AC,P5V	104					
Dyna-Gro	D37VC64RIB	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
Dyna-Gro	D43SS81	STX	AC,P5V	103					
FS InVISION	FS 47TV1 RIB	VT2P,B	AC,P2	97					
FS InVISION	FS 51QX1 RIB	STX,B	AC,P5V	101					
FS InVISION	FS 52RL0 EZR	3120,B	CM,C2,Vi	102					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
Golden Harvest	G03C84-3120-EZR	3120,B	AVC,C2,Vi	103					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Golden Harvest	G95D32-3220-EZR	3220,B	AVC,C2,Vi	95					
Golden Harvest	G95P13-3110	3110	AVC,C2,Vi	95					
Golden Harvest	G97N86-3110	3110	AVC,C2,Vi	97					
LG Seeds	LG5465VT2RIB	VT2P,B	AC,P5V	97					
LG Seeds	LG5470STXRIB GC	STX,B	AC,P5V	98					
LG Seeds	LG5494VT2RIB	VT2P,B	AC,P5V	99					
LG Seeds	LG5505VT2RIB	VT2P,B	AC,P5V	101					
M & W Seeds	45M44	VT2P,B	AC,P2	103					
M & W Seeds	45R69	VT2P,B	AC,P2	103					
M & W Seeds	46P76	VT2P,B	AC,P2	97					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech	E5GN-A395	3110	AVC,Vi	95					
NuTech/G2 Gen	5F-503	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	E5FN-A604	OI	MQ,P1V,R	104					
Pioneer	P0157AMXT GC	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	RK587VT2P	VT2P,B	AC,P2	97					
Renk	RK604SSTX	STX	AC,P5V	102					
Renk	RK608DGV2P	VT2P,DG,B	AC,P2	100					
Renk	RK642SSTX	STX,B	AC,P5V	103					
Rupp	xrD03-07	VT2P,B	AC,P5V	103					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					
Specialty	26A236	STX,B	AC,P5V	96					
Specialty	27D728	VT2P,B	AC,P2	97					
Specialty	32A886	STX,B	AC,P5V	102					

## 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.