

## 2018 Corn Grain Top 30 Harvest Report

Michigan Thumb [ MITH ] SILVERWOOD  
John Ferkowicz, Lapeer County, MI 48760



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

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Glynwood-Menominee loam, mod. poor drained, non-irrigated  
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 6.2 pH, 2.9% OM, 12.3 CEC  
PEST MANAGEMENT: Durango, Lexar, Force  
FERTILITY - Applied N: 5 Planter, 150 Sidedress  
Applied N-P-K (units): 155-13-168  
SEEDING - RATE - ROW: May 9 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 24 32,600 /A

**All-Season Test**  
**92 - 101 Day CRM**  
B2018MITH80

**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
M & W Seeds	47P61	VT2P,B	90	<b>255.2</b>	17.1	1	29.5	941	1
Dairyland	RPM-3715AM	AM,B	96	<b>250.7</b>	17.3	1	37.5	923	2
Renk	RK587VT2P	VT2P,B	97	<b>247.8</b>	18.0	1	32.2	907	3
Dairyland	RPM-4018AM	AM,AQ,B	101	<b>247.4</b>	18.7	1	37.5	900	4
NuTech/G2 Gen	5F-701	AM,AQ,B	101	<b>244.7</b>	19.2	1	34.0	887	5
Pioneer	<i>P0157AMXT GC</i>	<i>AMXT,AQ,B</i>	<i>101</i>	<i>242.2</i>	<i>19.3</i>	<i>1</i>	<i>31.3</i>	<i>877</i>	<i>8</i>
Golden Harvest	G95D32-3220-EZR	3220,B	95	239.9	17.9	1	36.6	879	7
FS InVISION	FS 45SV1 RIB	VT2P,B	95	239.6	16.8	1	37.5	886	6
M & W Seeds	46R52	3220,A,B	95	239.2	17.8	1	35.7	877	9
Golden Harvest	G97N86-3110	3110	97	238.4	17.6	1	30.4	875	11
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	237.3	17.0	1	33.1	876	10
M & W Seeds	46P76	VT2P,B	97	236.5	17.3	1	35.7	871	12
LG Seeds	LG5505VT2RIB	VT2P,B	101	235.3	18.9	1	31.3	855	15
Dairyland	<i>DS-7101</i>	<i>PC</i>	<i>101</i>	<i>233.4</i>	<i>19.4</i>	<i>1</i>	<i>30.4</i>	<i>844</i>	<i>18</i>
Rupp	xrT94-06	VT3P,B	94	233.1	17.0	1	34.8	860	13
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	233.1	18.6	1	35.7	849	16
Renk	8-536VT2P	VT2P	94	232.5	17.2	1	32.2	857	14
Dyna-Gro	D39DC43	VT2P,DG	99	231.4	18.4	1	34.8	844	19
FS InVISION	FS 47TV1 RIB	VT2P,B	97	230.9	18.0	1	32.2	845	17
LG Seeds	LG5465VT2RIB	VT2P,B	97	227.5	17.3	1	34.8	837	20
Dyna-Gro	D37VC64RIB	VT2P,B	97	227.4	18.1	1	34.0	832	21
Renk	8-593SSTX	STX	99	226.4	17.6	1	33.1	831	22
Rupp	xrD97-95	VT2P,B	97	225.2	17.6	1	26.8	827	23
Dairyland	RPM-3518AM	AM,B	96	223.7	17.6	1	27.7	821	24
LG Seeds	LG44C27VT2PRO	VT2P	94	221.8	16.9	1	30.4	819	25
LG Seeds	LG5494VT2RIB	VT2P,B	99	221.6	18.4	1	37.5	808	28
FS InVISION	FS 46RL0 EZR	3120,B	96	219.8	17.3	1	30.4	809	26
NuTech	5G-293	3110,A	93	219.5	17.1	1	34.8	809	27
Dairyland	DS-7294A	3220	94	218.6	17.3	1	28.6	805	29
Dyna-Gro	D34VC54	VT2P	94	217.6	17.3	1	32.2	801	30

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Averages = **229.5** **17.8** **1** **32.6** **841**

LSD (0.10) = 13.6 0.4 ns

LSD (0.25) = 7.1 0.2 ns

C.V. = 5.6 Prev. years average yield, 189.5 bu/a, 1 yr

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

**Test Comments:** *This plot emerged well but experienced fairly severe moisture stress through the second half of the vegetative stages. Ear girth was probably reduced but light showers and cooler temperatures permitted pollination of what was there. Very good yields were produced by abundant rains during fill that made deep, heavy kernels. Short plant height helped it stand well with low harvest moistures.*

† 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: 10/25/2018 Revised:

2018 Corn Grain - Michigan Thumb [ MITH ]



All-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-7294A	3220	CM,C5,Vi,In	94					
Dairyland	RPM-3518AM	AM,B	CM,C2,R,Lu	96					
Dairyland	RPM-3519YHR	OI	MQ,P5V,R	96					
Dairyland	RPM-3715AM	AM,B	MQ,P5V,R	96					
Dairyland	RPM-4018AM	AM,AQ,B	MQ,P5V,R	101					
Dyna-Gro	D34VC54	VT2P	AC,P5V	94					
Dyna-Gro	D37VC64RIB	VT2P,B	AC,P5V	97					
Dyna-Gro	D39DC43	VT2P,DG	AC,P5V	99					
FS InVISION	FS 45SV1 RIB	VT2P,B	AC,P2	95					
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	G90Y04-3220A-EZR	3220,A,B	AVC,C2,Vi	92					
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	LG44C27VT2PRO	VT2P	AC,P5V	94					
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	46P76	VT2P,B	AC,P2	97					
M & W Seeds	46R52	3220,A,B	AC,P2	95					
M & W Seeds	47P61	VT2P,B	AC,P2	90					
M & W Seeds	48R11	VT2P,B	AC,P2	87					
NuTech	5G-293	3110,A	MQ,P5V,R	93					
NuTech	5N-800	3011,A	MQ,P5V,R	100					
NuTech	E5GN-A395	3110	AVC,Vi	95					
NuTech/G2 Gen	5F-701	AM,AQ,B	MQ,P5V,R	101					
Pioneer	P0157AMXT GC	AMXT,AQ,B	MQ,P1V,R	101					
Pioneer	P9998AMXT GC	AMXT,AQ,B	MQ,C5,R	99					
Renk	8-536VT2P	VT2P	AC,P2	94					
Renk	8-593SSTX	STX	AC,P5V	99					
Renk	RK587VT2P	VT2P,B	AC,P2	97					
Rupp	xrD97-95	VT2P,B	AC,P2	97					
Rupp	xrT94-06	VT3P,B	AC,P2	94					

## 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.