

# 2018 Corn Grain Top 30 Harvest Report

Michigan Thumb [ MITH ] DECKER  
Lyle Martin, Sanilac County, MI 48426



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

PREV. CROP/HERB: Dry Beans / Raptor, Basagran  
SOIL DESCRIPTION: Capac-Mcbride silt loam, moderately drained, non-irrigated  
SOIL CONDITION: Minimum w/ fall till, very high P, high K, 6 pH, 1.9% OM, 8.1 CEC  
PEST MANAGEMENT: Roundup atrazine, Force  
FERTILITY - Applied N: 67 Spring, 15 Planter, 92 Sidedress  
Applied N-P-K (units): 174-0-0  
SEEDING - RATE - ROW: May 7 34,500 /A 30" spacing  
HARVESTED - STAND: Oct 24 33,600 /A

**All-Season Test**  
**92 - 101 Day CRM**  
B2018MITH83

**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
Dyna-Gro	D37VC64RIB	VT2P,B	97	<b>228.1</b>	18.5	1	34.0	831	1
Pioneer	P9998AMXT GC	AMXT,AQ,B	99	<b>219.5</b>	19.5	1	34.8	793	3
Renk	RK587VT2P	VT2P,B	97	<b>217.3</b>	18.3	1	32.2	793	4
Pioneer	P0157AMXT GC	AMXT,AQ,B	101	<b>217.1</b>	19.6	1	34.8	784	6
M & W Seeds	47P61	VT2P,B	90	<b>217.0</b>	16.9	1	32.2	801	2
Renk	8-593SSTX	STX	99	<b>215.8</b>	18.9	1	30.4	784	7
LG Seeds	LG5465VT2RIB	VT2P,B	97	<b>215.7</b>	18.2	1	33.1	788	5
Dyna-Gro	D39DC43	VT2P,DG	99	214.7	19.0	1	33.1	779	9
LG Seeds	LG5505VT2RIB	VT2P,B	101	214.4	19.7	1	34.8	774	10
Rupp	xrT94-06	VT3P,B	94	212.9	17.7	1	37.5	781	8
FS InVISION	FS 51QX1 RIB	STX,B	101	212.6	19.3	1	34.0	770	12
FS InVISION	FS 46RL0 EZR	3120,B	96	211.7	18.5	1	32.2	772	11
Rupp	xrD97-95	VT2P,B	97	210.9	18.4	1	34.0	769	14
LG Seeds	LG44C27VT2PRO	VT2P	94	210.8	18.2	1	35.7	770	13
M & W Seeds	46P76	VT2P,B	97	209.8	18.2	1	32.2	767	15
Dairyland	DS-7101	PC	101	208.4	19.1	1	30.4	756	17
Dyna-Gro	D34VC54	VT2P	94	206.9	17.9	1	36.6	758	16
<i>NuTech/G2 Gen</i>	<i>5F-701</i>	<i>AM,AQ,B</i>	<i>101</i>	<i>205.6</i>	<i>19.9</i>	<i>3</i>	<i>34.0</i>	<i>741</i>	<i>23</i>
Dairyland	RPM-3518AM	AM,B	96	205.0	18.4	1	32.2	748	20
Renk	8-536VT2P	VT2P	94	204.5	17.8	1	35.7	750	19
LG Seeds	LG5494VT2RIB	VT2P,B	99	204.1	19.2	1	36.6	740	24
FS InVISION	FS 47TV1 RIB	VT2P,B	97	203.9	18.2	1	33.1	745	21
M & W Seeds	48R11	VT2P,B	87	203.4	16.3	1	35.7	755	18
M & W Seeds	46R52	3220,A,B	95	202.6	18.0	1	34.8	742	22
Dairyland	RPM-4018AM	AM,AQ,B	101	202.4	19.8	2	34.8	730	28
NuTech	5N-800	3011,A	100	202.2	19.3	1	34.0	732	27
FS InVISION	FS 45SV1 RIB	VT2P,B	95	201.6	18.0	1	35.7	738	25
Dairyland	RPM-3715AM	AM,B	96	200.8	18.3	1	36.6	733	26
Golden Harvest	G90Y04-3220A-EZR	3220,A,B	92	198.3	17.8	1	34.8	727	29
Dairyland	DS-7294A	3220	94	196.3	18.1	1	34.0	718	30

Jason Beyers

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

Averages = **205.6** **18.4** **1** **33.6** **750**

LSD (0.10) = 9.4 0.3 ns

LSD (0.25) = 4.9 0.2 ns

C.V. = 4.3 Prev. years average yield, 227.3 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:** *A favorable season produced good yields here. Plant health was good with some anthracnose noted. Ears were filled to the tip so it may have been able to stand a higher population this year although some mild stress during vegetative growth appears to have limited girth development across the entire test. Plants height was limited and contributed to good standability.*

† 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:

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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.