

# 2018 Corn Grain Top 30 Harvest Report

Michigan Thumb [ MITH ] REESE  
Robert Rau, Tuscola County, MI 48757



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

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Tappan-Londo loam, poor drained, non-irrigated  
SOIL CONDITION: Minimum w/ fall till, very high P, very high K, 7.3 pH, 2.7% OM, 16 CEC  
PEST MANAGEMENT: atrazine, Roundup PowerMax, Force  
FERTILITY - Applied N: 10 Planter, 160 Sidedress  
Applied N-P-K (units): 170-34-120  
SEEDING - RATE - ROW: May 9 34,500 /A 30" spacing  
HARVESTED - STAND: Nov 1 33,700 /A

**All-Season Test**  
**92 - 101 Day CRM**  
B2018MITH79

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

| Company/Brand  | Product/Brand†   | Technol.† | RM  | Yield<br>Bu/A | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|----------------|------------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| LG Seeds       | LG5465VT2RIB     | VT2P,B    | 97  | <b>233.6</b>  | 17.4          | 1            | 34.0              | 859                     | 1    |
| M & W Seeds    | 46P76            | VT2P,B    | 97  | <b>232.0</b>  | 16.7          | 1            | 32.2              | 858                     | 2    |
| LG Seeds       | LG5505VT2RIB     | VT2P,B    | 101 | <b>230.5</b>  | 17.4          | 1            | 34.0              | 848                     | 3    |
| NuTech/G2 Gen  | 5F-701           | AM,AQ,B   | 101 | <b>230.5</b>  | 17.6          | 1            | 37.5              | 846                     | 4    |
| FS InVISION    | FS 45SV1 RIB     | VT2P,B    | 95  | <b>224.4</b>  | 16.5          | 1            | 33.1              | 831                     | 5    |
| Pioneer        | P0157AMXT GC     | AMXT,AQ,B | 101 | <b>224.3</b>  | 17.6          | 1            | 34.8              | 824                     | 6    |
| LG Seeds       | LG5494VT2RIB     | VT2P,B    | 99  | <b>223.5</b>  | 17.3          | 1            | 33.1              | 823                     | 7    |
| Dyna-Gro       | D39DC43          | VT2P,DG   | 99  | <b>222.5</b>  | 17.5          | 1            | 33.1              | 818                     | 8    |
| FS InVISION    | FS 51QX1 RIB     | STX,B     | 101 | <b>219.8</b>  | 17.6          | 1            | 34.0              | 807                     | 11   |
| Dyna-Gro       | D37VC64RIB       | VT2P,B    | 97  | <b>219.2</b>  | 16.9          | 1            | 35.7              | 810                     | 9    |
| M & W Seeds    | 47P61            | VT2P,B    | 90  | 217.3         | 16.0          | 1            | 34.0              | 808                     | 10   |
| Dairyland      | RPM-3715AM       | AM,B      | 96  | 216.2         | 16.6          | 1            | 34.8              | 800                     | 13   |
| Pioneer        | P9998AMXT GC     | AMXT,AQ,B | 99  | 216.0         | 17.0          | 1            | 34.8              | 797                     | 14   |
| Rupp           | xrT94-06         | VT3P,B    | 94  | 215.7         | 16.2          | 1            | 37.5              | 801                     | 12   |
| Rupp           | xrD97-95         | VT2P,B    | 97  | 215.7         | 17.0          | 1            | 32.2              | 796                     | 15   |
| Dairyland      | RPM-3518AM       | AM,B      | 96  | 215.4         | 17.0          | 1            | 34.0              | 795                     | 16   |
| Dyna-Gro       | D34VC54          | VT2P      | 94  | 210.4         | 16.4          | 1            | 34.8              | 780                     | 17   |
| M & W Seeds    | 46R52            | 3220,A,B  | 95  | 209.5         | 16.7          | 1            | 37.5              | 775                     | 18   |
| Golden Harvest | G97N86-3110      | 3110      | 97  | 209.2         | 16.8          | 1            | 35.7              | 773                     | 19   |
| Renk           | RK587VT2P        | VT2P,B    | 97  | 208.9         | 16.6          | 1            | 30.4              | 773                     | 20   |
| Golden Harvest | G95D32-3220-EZR  | 3220,B    | 95  | 208.3         | 17.0          | 1            | 36.6              | 769                     | 21   |
| Renk           | 8-536VT2P        | VT2P      | 94  | 206.8         | 16.7          | 1            | 37.5              | 765                     | 22   |
| Renk           | 8-593SSTX        | STX       | 99  | 206.4         | 16.9          | 1            | 34.0              | 762                     | 23   |
| Dairyland      | RPM-4018AM       | AM,AQ,B   | 101 | 206.2         | 17.5          | 1            | 35.7              | 758                     | 25   |
| Golden Harvest | G90Y04-3220A-EZR | 3220,A,B  | 92  | 205.3         | 16.2          | 1            | 33.1              | 762                     | 24   |
| Dairyland      | RPM-3519YHR      | OI        | 96  | 203.6         | 16.8          | 1            | 29.5              | 753                     | 27   |
| M & W Seeds    | 48R11            | VT2P,B    | 87  | 202.4         | 15.9          | 1            | 34.8              | 754                     | 26   |
| FS InVISION    | FS 47TV1 RIB     | VT2P,B    | 97  | 200.8         | 16.9          | 1            | 32.2              | 742                     | 28   |
| Dairyland      | DS-7101          | PC        | 101 | 199.0         | 17.3          | 1            | 30.4              | 733                     | 29   |
| Dairyland      | DS-7294A         | 3220      | 94  | 195.5         | 16.3          | 1            | 31.3              | 726                     | 30   |

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Averages = **210.8** **16.9** **1** **33.7** **779**

LSD (0.10) = 6.8 0.2 ns

LSD (0.25) = 3.5 0.1 ns

C.V. = 3.0 Prev. years average yield, 190.7 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:** *Nice plot on consistent, well managed soils. Like most of the region, early soil saturation gave way to a sustained dry spell followed by good rains during grain fill. The dry vegetative period limited plant height which probably helped provide very good standability. The dry conditions also probably limited ear girth but ear length was fully filled with kernels.*

† 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: 11/04/2018 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.