

## 2014 Corn Grain Top 30 Harvest Report

Michigan West Central [ MIWC ] LAKEVIEW

John Black, Montcalm County, MI 49329



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Corn, 2+ yr / Roundup  
 SOIL DESCRIPTION: Clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 2.2% OM  
 PEST MANAGEMENT: Halex GT, Force  
 FERTILITY - Applied N: 120 Spring, 70 Sidedress  
 Applied N-P-K (units): 190-0-0  
 SEEDING - RATE - ROW: May 31 34,000 /A 30" spacing  
 HARVESTED - STAND: Dec 2 31,700 /A

### All-Season Test

95 - 104 Day CRM

B2014MIWC49

### Top 30 of 45

For Gross Income (Sorted by Yield)

Average of (3) Replications

| Company/Brand    | Product/Brand†   | Technol.† | Seed Treatment† | RM  | Yield Bu/A   | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|------------------|------------------|-----------|-----------------|-----|--------------|------------|-----------|----------------|----------------------|------|
| NuTech/G2 Gen    | 5Z-002^          | OI        | MQ,P1V,R        | 102 | <b>185.0</b> | 32.9       | 1         | 31.5           | 565                  | 1    |
| Steyer           | 10102VT2PRIB     | VT2P,B    | CM,C2           | 101 | <b>181.0</b> | 32.5       | 1         | 32.2           | 554                  | 2    |
| Steyer           | 10403VT2PRIB     | VT2P,B    | CM,C2           | 104 | <b>179.7</b> | 36.8       | 1         | 32.9           | 531                  | 3    |
| Integra          | 5441GSSRIB       | STX,B     | AC,P2           | 104 | <b>179.2</b> | 36.7       | 1         | 31.5           | 530                  | 5    |
| NuTech/G2 Gen    | 5F-198^          | AM,B      | MQ,P5V          | 98  | 171.1        | 30.9       | 1         | 30.9           | 531                  | 4    |
| Dekalb           | DKC48-12RIB      | STX,B     | AC,P5V          | 98  | 168.3        | 37.2       | 1         | 32.9           | 496                  | 9    |
| Specialty        | 29A263           | STX,B     | AC,P5V          | 99  | 167.0        | 35.2       | 1         | 31.5           | 500                  | 6    |
| NuTech/G2 Gen    | 5H-502^          | HX,RR2    | MQ,P5V          | 102 | 166.1        | 35.0       | 1         | 30.2           | 498                  | 8    |
| NK Brand         | N42Z-3111A GC    | 3111A     | AVC,C5          | 99  | 165.6        | 34.4       | 1         | 30.2           | 499                  | 7    |
| Hyland           | 8505RA GC        | STX,B     | CM,C2           | 101 | 163.4        | 36.9       | 1         | 32.2           | 482                  | 11   |
| Great Lakes      | 4879STXRIB       | STX,B     | AC,P5V          | 98  | 161.5        | 35.5       | 1         | 31.5           | 482                  | 12   |
| Rupp             | xrD99-30         | VT2P,B    | AC,P2           | 99  | 160.6        | 34.9       | 1         | 30.9           | 482                  | 13   |
| NK Brand         | N45P-3011A       | 3011A     | AVC,C5          | 101 | 159.4        | 33.9       | 1         | 32.2           | 483                  | 10   |
| Dekalb           | DKC53-56RIB GC   | STX,B     | AC,P5V          | 103 | 159.4        | 35.8       | 1         | 30.9           | 475                  | 16   |
| Integra          | 9482VT3PRIB      | VT3P,B    | AC,P2           | 98  | 159.2        | 34.7       | 2         | 30.9           | 479                  | 14   |
| Renk             | RK633SSTX        | STX,B     | AC,P2           | 101 | 157.2        | 34.5       | 1         | 31.5           | 474                  | 17   |
| Channel          | 197-68STXRIB     | STX,B     | AC,P5V          | 97  | 156.4        | 35.4       | 1         | 32.9           | 468                  | 19   |
| Rupp             | xrD97-56         | VT2P,B    | AC,P2           | 97  | 155.6        | 34.4       | 1         | 32.2           | 469                  | 18   |
| Great Lakes      | 5283STXRIB       | STX,B     | AC,P5V          | 102 | 153.8        | 36.0       | 1         | 32.2           | 458                  | 20   |
| Renk             | RK629VT3P        | VT3P,B    | AC,P2           | 101 | 151.9        | 35.1       | 1         | 32.2           | 455                  | 21   |
| NuTech/G2 Gen    | 5Z-295^          | OI        | MQ,P1V,R        | 95  | 150.9        | 28.9       | 1         | 31.5           | 476                  | 15   |
| Rupp             | xrJ03-31         | STX,B     | AC,P5V          | 103 | 149.5        | 35.8       | 1         | 31.5           | 446                  | 23   |
| Great Lakes      | 5015STXRIB       | STX,B     | AC,P5V          | 100 | 148.2        | 33.7       | 1         | 32.2           | 449                  | 22   |
| Seed Consultants | SCS 10HR43^      | HX,RR2    | MQ,P1V          | 104 | 147.5        | 37.4       | 1         | 32.2           | 434                  | 26   |
| NuTech/G2 Gen    | 5F-200^          | AM,AQ,B   | MQ,P5V          | 100 | 144.6        | 33.7       | 2         | 32.2           | 438                  | 25   |
| Renk             | RK596SSTX        | STX       | AC,P2           | 98  | 142.5        | 33.8       | 1         | 31.5           | 432                  | 27   |
| Renk             | RK591GTCBLLRWBL^ | 3111A     | CM,C2           | 99  | 141.7        | 35.0       | 2         | 31.5           | 425                  | 29   |
| NuTech/G2 Gen    | 5Y-196^          | OIX       | MQ,P1V,R        | 96  | 141.0        | 29.5       | 1         | 29.5           | 442                  | 24   |
| Great Lakes      | 4548STX          | STX       | AC,P5V          | 95  | 139.9        | 33.1       | 6         | 32.9           | 426                  | 28   |
| Seed Consultants | SCS 1015YHR^     | OI,B      | MQ,C2           | 102 | 138.4        | 34.3       | 1         | 32.2           | 418                  | 30   |

Test Average = **149.6** **34.5** **1** **31.7** **451**

LSD (0.10) = 27.0 1.6 3

LSD (0.25) = 18.8 1.1 2

C.V. = 13.3 3.4

Rich Schleuning

firstnecb@hotmail.com, (815) 985-3577

#### Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Price =  $\frac{\$3.50 \text{ Local GMO}}{\$3.50 \text{ non-GMO}}$

**Test Comments:** *There was some early season feeding on this crop by slugs and corn flea beetle. Early season water ponding and general wet conditions which led to nitrogen deficiency showing in late July. With the lack of heat units, this crop never reached full maturity as grain moistures indicate. It was a difficult crop to shell as cob was soft. Ear rot from nigrospora, cladosporium and rhizopus was observed.*

† 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: 12/9/2014 Revised:



## Footnotes and Abbreviation Descriptions

### Brand Footnotes

|    |   |
|----|---|
| ^  | G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaax® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaax® and XL® are registered trademarks of DuPont Pioneer. |
| 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)                | GT/CB/LL | Agrisure® GT/CB/LL                              |
| 3011A    | Agrisure® Artesian® (CB,RW,LL,GT)             | HX       | Herculex® 1, contains LL                        |
| 3110     | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)       | HX,RR2   | Herculex® 1, Roundup Ready 2 Corn               |
| 3111     | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)     | HXRW     | Herculex® rootworm, contains LL                 |
| 3122     | Agrisure® 3122 (CB,HXX,RW,LL,GT)              | HXT      | Herculex® Xtra (HX,HXRW,LL)                     |
| 3220     | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)     | HXT,RR2  | Herculex® Xtra, Roundup Ready 2 Corn            |
| AM       | Optimum® AcreMax® (YGCB,HX,LL,RR2)            | LL       | LibertyLink®                                    |
| AM-R     | Optimum® AcreMax® (YGCB,HX,RR2)               | None     | conventional corn                               |
| AM1      | Optimum® AcreMax®1 (HXT,LL,RR2)               | OI       | Optimum® Intrasect® (YGCB,HX,LL,RR2)            |
| AMRW     | Optimum® AcreMax® Rootworm (HXRW,LL,RR2)      | OIX      | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)      |
| AMRW-R   | Optimum® AcreMax® Rootworm (HXRW,RR2)         | OIXT     | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMX      | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)      | OT       | Optimum® TRIssect® (HX,RW,LL,RR2)               |
| AMX-R    | Optimum® AcreMax® Xtra (YGCB,HXT,RR2)         | RR2      | Roundup Ready® 2 Corn                           |
| AMXT     | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | STX      | SmartStax® (VT3P,HXX)                           |
| B        | Blended seed (i.e. refuge blend)              | VT2P     | Genuity® VT Double Pro®                         |
| CB/LL    | Agrisure® CB/LL                               | VT3      | YieldGard VT Triple®                            |
| CB/LL/RW | Agrisure® CB/LL/RW                            | VT3P     | Genuity® VT Triple Pro®                         |
| GT       | Agrisure® GT                                  | YGCB     | YieldGard® Corn Borer                           |

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

### Corn Seed Treatments\*\*

|            |   |            |  |
|------------|---|------------|--|
| ?          | information not provided                                | MQ         | Maxim Quattro®   |
| A          | Allegiance®   | None       | untreated  |
| AC         | Acceleron® fungicide products                           | P2, P5, P1 | Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| AVC        | Avicta® Complete Corn                                   | R          | Raxil® (tebuconazole)                                  |
| C2, C5, C1 | Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively | SStd       | SureStand™   |
| CE         | Cruiser Extreme®  | St         | Stamina® (pyraclostrobin)                              |
| CM         | CruiserMaxx® Corn                                       | T          | Trilex® (trifloxystrobin)                              |
| D          | Dynasty® (azoxystrobin)                                 | V          | Votivo®  |
| Es         | Escalate®   | Z          | zinc   |
| M          | Maxim XL®   |            |  |

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