

2017 Corn Grain Top 30 Harvest Report

Michigan West Central [MIWC] CHARLOTTE
Jim & Dennis Orr, Eaton County, MI 48813



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

PREV. CROP/HERB: Wheat / MCPA, WideMatch
SOIL DESCRIPTION: Marlette loam, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 5.8 pH, 2.1% OM, 10.6 CEC
PEST MANAGEMENT: TripleFlex II, Roundup, Degree Xtra, Force
FERTILITY - Applied N: 80 Fall, 90 Spring
Applied N-P-K (units): 170-120-80
SEEDING - RATE - ROW: May 19 34,500 /A 30" spacing
HARVESTED - STAND: Oct 29 32,900 /A

All-Season Test
95 - 104 Day CRM
B2017MIWC73

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 |
|---------------|----------------|-----------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| NuTech/G2 Gen | 5F-601^ | AM,AQ,B | 101 | 166.9 | 23.3 | 1 | 33.5 | 493 | 2 |
| Dairyland | DS-9599 | 3000GT | 99 | 165.7 | 21.5 | 1 | 32.5 | 498 | 1 |
| NuTech/G2 Gen | 5F-504^ | AM,B | 104 | 161.1 | 24.0 | 1 | 34.4 | 472 | 4 |
| Specialty | 26A236 | STX,B | 96 | 161.0 | 19.9 | 1 | 32.5 | 492 | 3 |
| Integra | CX701097 | VT2P | 97 | 157.0 | 21.7 | 1 | 33.5 | 471 | 5 |
| FS InVISION | FS 52RL0 EZR | 3120,B | 102 | 156.2 | 22.6 | 1 | 34.4 | 464 | 8 |
| NuTech | 5N-800 | 3011,A | 100 | 155.7 | 22.7 | 1 | 34.4 | 462 | 9 |
| Pioneer | P9929AMXT GC | AMXT,B | 99 | 155.6 | 21.3 | 1 | 37.2 | 469 | 6 |
| Rupp | xrD02-93 | VT2P,B | 102 | 154.7 | 23.1 | 1 | 32.5 | 457 | 11 |
| NuTech/G2 Gen | X5LN-0308^ | OIXT,AQ | 103 | 154.1 | 23.9 | 1 | 26.9 | 452 | 14 |
| Rupp | xrD97-95 | VT2P | 97 | 152.8 | 19.7 | 1 | 35.3 | 467 | 7 |
| Renk | RK675DGV2P | VT2P,DG,B | 103 | 152.3 | 22.8 | 1 | 34.4 | 452 | 15 |
| Renk | RK629VT3P | VT3P,B | 101 | 151.4 | 21.3 | 1 | 28.8 | 456 | 12 |
| Rupp | xrT94-06 | VT3P,B | 94 | 150.3 | 19.3 | 1 | 35.3 | 462 | 10 |
| Dairyland | DS-9804SSX | STX | 104 | 150.2 | 23.9 | 1 | 33.5 | 441 | 21 |
| Specialty | 30A307 | STX,B | 100 | 149.9 | 22.9 | 1 | 28.8 | 444 | 19 |
| Integra | 4902VT2PRIB | VT2P | 99 | 149.5 | 20.6 | 1 | 29.7 | 453 | 13 |
| FS InVISION | FS 52ZX1 RIB | STX,B | 102 | 149.1 | 23.7 | 1 | 32.5 | 438 | 22 |
| Integra | 5250VT2P | VT2P | 102 | 148.1 | 21.2 | 1 | 34.4 | 446 | 17 |
| NuTech/G2 Gen | 5F-196^ | AM,B | 96 | 148.0 | 21.1 | 1 | 34.4 | 447 | 16 |
| NuTech/G2 Gen | 5F-503^ | AM,B | 103 | 147.7 | 21.2 | 1 | 29.7 | 445 | 18 |
| Pioneer | P0157AMX GC | AMX,AQ,B | 101 | 146.6 | 22.4 | 1 | 32.5 | 437 | 23 |
| M & W Seeds | 46L43 | VT2P,B | 96 | 145.9 | 20.3 | 1 | 35.3 | 444 | 20 |
| Dairyland | DS-9701RA | STX,B | 101 | 145.9 | 22.5 | 1 | 30.7 | 434 | 24 |
| NuTech/G2 Gen | 5F-701^ | AM,AQ,B | 101 | 144.4 | 22.2 | 1 | 32.5 | 431 | 25 |
| Renk | RK642SSTX | STX | 103 | 143.3 | 21.9 | 1 | 31.6 | 429 | 26 |
| Rupp | xrD00-51 | VT2P,B | 100 | 143.0 | 23.0 | 1 | 37.2 | 423 | 28 |
| M & W Seeds | 45M21 | VT2P,B | 100 | 141.1 | 21.2 | 1 | 35.3 | 425 | 27 |
| Rupp | xrJ99-70 | STX,B | 99 | 140.3 | 21.9 | 1 | 33.5 | 420 | 29 |
| M & W Seeds | 45N31 | VT2P,B | 101 | 139.0 | 20.9 | 1 | 28.8 | 420 | 30 |

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Averages = **148.8** **22.0** **1** **32.9** **445**

LSD (0.10) = 11.1 1.3 ns

LSD (0.25) = 5.8 0.7 ns

C.V. = 7.1 Prev. years average yield, 203.1 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *This plot was no-till planted into wheat stubble. Stand establishment was good but early growth was limited by hot dry weather. It recovered when rains began in late June and grew and pollinated well. Yield potential at that point was normal or better but very dry conditions during grain fill limited yield. Stalk quality was good but that was partially due to short plant height.*

† 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: 10/30/2017 Revised:

2017 Corn Grain - Michigan West Central [MIWC]



All-Season Test Products (36 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt. | RM | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM |
|---------------|---------------|-----------|-------------|-----|---------------|---------------|----------|-----------|----|
| Dairyland | DS-9599 | 3000GT | CM,C5,Vi,In | 99 | | | | | |
| Dairyland | DS-9701RA | STX,B | CM,C5,Vi,In | 101 | | | | | |
| Dairyland | DS-9802RA | STX,B | CM,C5,Vi,In | 102 | | | | | |
| Dairyland | DS-9804SSX | STX | CM,C5,Vi,In | 104 | | | | | |
| FS InVISION | FS 49ZX1 RIB | STX,B | AC,P5V | 99 | | | | | |
| FS InVISION | FS 52RL0 EZR | 3120,B | AVC,C2,Vi | 102 | | | | | |
| FS InVISION | FS 52ZX1 RIB | STX,B | AC,P5V | 102 | | | | | |
| FS InVISION | FS 54ZX1 RIB | STX,B | AC,P5V | 104 | | | | | |
| Integra | 4902VT2PRIB | VT2P | AC,P2 | 99 | | | | | |
| Integra | 5250VT2P | VT2P | AC,P5V | 102 | | | | | |
| Integra | CX701097 | VT2P | AC,P5V | 97 | | | | | |
| M & W Seeds | 45M21 | VT2P,B | AC,P2 | 100 | | | | | |
| M & W Seeds | 45M44 | VT2P,B | AC,P2 | 103 | | | | | |
| M & W Seeds | 45N31 | VT2P,B | AC,P2 | 101 | | | | | |
| M & W Seeds | 46L43 | VT2P,B | AC,P2 | 96 | | | | | |
| NuTech | 5N-800 | 3011,A | MQ,P5V,R | 100 | | | | | |
| NuTech/G2 Gen | 5F-196^ | AM,B | MQ,P5V,R | 96 | | | | | |
| NuTech/G2 Gen | 5F-503^ | AM,B | MQ,P5V,R | 103 | | | | | |
| NuTech/G2 Gen | 5F-504^ | AM,B | MQ,P5V,R | 104 | | | | | |
| NuTech/G2 Gen | 5F-601^ | AM,AQ,B | MQ,P5V,R | 101 | | | | | |
| NuTech/G2 Gen | 5F-701^ | AM,AQ,B | MQ,P5V,R | 101 | | | | | |
| NuTech/G2 Gen | X5LN-0308^ | OIXT,AQ | MQ,P1V,R | 103 | | | | | |
| Pioneer | P0157AMX GC | AMX,AQ,B | MQ,P1V | 101 | | | | | |
| Pioneer | P9929AMXT GC | AMXT,B | MQ,C2,R,Lu | 99 | | | | | |
| Renk | RK629VT3P | VT3P,B | AC,P2 | 101 | | | | | |
| Renk | RK642SSTX | STX | AC,P5V | 103 | | | | | |
| Renk | RK675DGV2P | VT2P,DG,B | AC,P2 | 103 | | | | | |
| Renk | RK680SSTX | STX,B | AC,P5V | 103 | | | | | |
| Rupp | xrD00-51 | VT2P,B | AC,P2 | 100 | | | | | |
| Rupp | xrD02-93 | VT2P,B | AC,P2 | 102 | | | | | |
| Rupp | xrD97-95 | VT2P | AC,P5V | 97 | | | | | |
| Rupp | xrJ99-70 | STX,B | AC,P2 | 99 | | | | | |
| Rupp | xrT94-06 | VT3P,B | AC,P2 | 94 | | | | | |
| Specialty | 26A236 | STX,B | AC,P5V | 96 | | | | | |
| Specialty | 30A307 | STX,B | AC,P5V | 100 | | | | | |
| Specialty | 32A886 | STX,B | AC,P5V | 102 | | | | | |
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Footnotes and Abbreviation Descriptions

Brand Footnotes

| | |
|----|---|
| ^ | G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst [™] and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech [™] brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta. |
| 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 | Agrisure [®] GT |
| 3010 | Agrisure [®] 3010 (CB,LL,GT) | HX | Herculex [®] 1, contains LL |
| 3011,A | Agrisure [®] Artesian [®] (CB,RW,LL,GT) | HXRW | Herculex [®] Rootworm, contains LL |
| 3110 | Agrisure [®] Viptera [®] 3110 (Vip, CB,LL,GT) | HXT | Herculex [®] Xtra (HX,HXRW,LL) |
| 3111 | Agrisure [®] Viptera [®] 3111 (Vip,CB,RW,LL,GT) | LL | LibertyLink [®] |
| 3120 | Agrisure [®] 3120 (CB,HX,LL,GT) | None | conventional corn |
| 3122 | Agrisure [®] 3122 (CB,HXX,RW,LL,GT) | OI | Optimum [®] Intrasect [®] , YHR (YGCB,HX,LL,RR2) |
| 3220 | Agrisure [®] Viptera [®] 3220 (Vip,CB,HX,LL,GT) | OIX | Optimum [®] Intrasect [®] Xtra, YXR (YGCB,HXT,LL,RR2) |
| A | Agrisure [®] Artesian [®] | OIXT | Optimum [®] Intrasect [®] Xtreme (YGCB,HXT,RW,LL,RR2) |
| AM | Optimum [®] AcreMax [®] (YGCB,HX,LL,RR2) | PC | PowerCore [™] (HX, VT2P) |
| AMT | Optimum [®] AcreMax [®] TRIsect (HX,RW,LL,RR2) | RR2 | Roundup Ready [®] 2 Corn |
| AMX | Optimum [®] AcreMax [®] Xtra (YGCB,HXT,LL,RR2) | RW | Agrisure [®] Rootworm |
| AMXT | Optimum [®] AcreMax [®] Xtreme (YGCB,HXT,RW,LL,RR2) | STX | SmartStax [®] (VT3P,HXT,RR2,LL) |
| AQ | Optimum [®] AQUAMax [®] | VT2P | Genuity [®] VT Double PRO [®] |
| B | Refuge Blend | VT3P | Genuity [®] VT Triple PRO [®] |
| CB | Agrisure [®] Corn Borer | YGCB | YieldGard [®] Corn Borer |
| DG | Genuity [®] DroughtGard [®] | | |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| ? | information unavailable | In | Intego [™] Solo |
| A | Allegiance [®] | L | Lorsban [®] |
| AC | Acceleron [®] fungicide products | Lu | Lumivia [™] |
| AL2500 | Alert 2500 [™] | M | Maxim XL [®] |
| At | Actellic [®] | MQ | Maxim Quattro [®] |
| AVC | Avicta [®] Complete Corn | None | untreated |
| C2, C5, C1 | Cruiser [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively | P2, P5, P1 | Poncho [®] at 0.25, 0.5 and 1.25 mg ai/seed, respectively |
| CE | Cruiser Extreme [®] | R | Raxil [®] |
| CM | CruiserMaxx [®] Corn | SC | SHIELDCoat [™] |
| D | Dynasty [®] | V | Votivo [®] |
| Es | Escalate [®] | Vi | Vibrance [®] |

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