

2016 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] SALEM
 Jesse Steffensmeier, Lee County, IA 52649



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

PREV. CROP/HERB: Corn, 2+ yr / TripleFLEX, atrazine, Callisto, Roundup
 SOIL DESCRIPTION: Edina silt loam, mod. well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, high P, high K, 5.9 pH, 3% OM
 PEST MANAGEMENT: TripleFLEX, atrazine, Callisto, Roundup, Force
 FERTILITY - Applied N: 111 Fall, 100 Sidedress
 Applied N-P-K (units): 211-52-120
 SEEDING - RATE - ROW: Apr 15 32,500 /A 30" spacing
 HARVESTED - STAND: Sep 23 31,800 /A

Full-Season Test
113 - 116 Day CRM
 B2016MONE21b

Top 30 of 45

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 |
|----------------|-----------------|---------------|------------|---------------|---------------|--------------|-------------------|-------------------------|----------|
| FS InVISION | FS 64SX1 RIB | STX,B | 114 | 256.6 | 19.3 | 1 | 31.6 | 788 | 1 |
| Kruger | K4R-9116 | STX,B | 116 | 255.2 | 19.9 | 1 | 32.5 | 779 | 2 |
| Lewis | R1414SS | STX,B | 114 | 249.8 | 18.8 | 1 | 32.5 | 771 | 4 |
| Kruger | KR-4917 | VT2P,B | 116 | 249.8 | 20.0 | 1 | 30.7 | 762 | 7 |
| NuTech/G2 Gen | 5F-713^ | AM,B | 113 | 249.6 | 18.2 | 1 | 34.4 | 775 | 3 |
| NuTech/G2 Gen | X5Z-1509^ | OI | 115 | 249.4 | 19.3 | 2 | 28.8 | 766 | 5 |
| LG Seeds | LG5663VT2PRIB | VT2P,B | 115 | 247.2 | 20.9 | 1 | 30.7 | 747 | 11 |
| Golden Harvest | G18D87-3000GT | 3000GT | 118 | 246.8 | 22.4 | 1 | 30.7 | 735 | 16 |
| FS InVISION | FS 66ZV1 | VT2P | 116 | 246.5 | 18.5 | 1 | 34.4 | 763 | 6 |
| Becks | 6365AM^ | AM,B | 113 | 244.9 | 19.4 | 1 | 33.5 | 751 | 9 |
| Renk | RK941SSTX | STX,B | 114 | 243.1 | 19.0 | 2 | 31.6 | 749 | 10 |
| Dekalb | DKC63-60RIB GC | STX,B | 113 | 242.8 | 19.2 | 1 | 32.5 | 746 | 12 |
| Golden Harvest | G14R38-3000GT | 3000GT | 114 | 241.6 | 20.0 | 1 | 32.5 | 737 | 15 |
| NK Brand | N78S-3111 GC | 3111 | 116 | 240.3 | 18.9 | 2 | 31.6 | 741 | 14 |
| Pioneer | P1311AMXT GC | AMXT,B | 113 | 240.0 | 18.1 | 1 | 29.7 | 746 | 13 |
| Renk | RK924DGV2P | VT2P,DG,B | 114 | 238.4 | 18.9 | 3 | 30.7 | 735 | 17 |
| Pfister | 3488HR | HX,RR2 | 115 | 237.7 | 18.8 | 2 | 30.7 | 734 | 18 |
| LG Seeds | LG5643STX | STX | 114 | 237.2 | 18.9 | 1 | 30.7 | 731 | 19 |
| Wyffels | W7696RIB | VT2P,B | 113 | 237.0 | 19.7 | 2 | 31.6 | 725 | 21 |
| FS InVISION | FS 63ZV1 RIB | VT2P,B | 113 | 236.1 | 19.4 | 2 | 32.5 | 724 | 22 |
| Wyffels | W7888RIB | STX,B | 114 | 235.9 | 19.3 | 1 | 32.5 | 724 | 23 |
| Renk | RK961SSTX | STX | 116 | 235.9 | 19.8 | 1 | 31.6 | 721 | 25 |
| Epley | E2305RR | RR2 | 113 | 235.6 | 18.9 | 2 | 31.6 | 726 | 20 |
| Pioneer | P1417AMX GC | AMX,B | 114 | 234.8 | 19.1 | 1 | 33.5 | 722 | 24 |
| NuTech/G2 Gen | 5F-515^ | AM,B | 115 | 234.8 | 19.6 | 5 | 34.4 | 719 | 26 |
| Wyffels | W8268 | STX | 116 | 234.3 | 20.9 | 1 | 35.3 | 708 | 30 |
| NuTech/G2 Gen | 5F-015^ | AM,B | 115 | 234.1 | 19.5 | 1 | 33.5 | 718 | 27 |
| LG Seeds | LG5650STX | STX | 114 | 233.3 | 19.7 | 1 | 34.4 | 714 | 28 |
| Becks | 6418SXRIB | STX,B | 114 | 232.7 | 20.0 | 1 | 27.9 | 710 | 29 |
| Augusta | A5664GT3000 | 3000GT | 114 | 230.2 | 19.2 | 1 | 31.6 | 708 | 31 |
| Pioneer | P1257AMXT CK | AMXT,B | 112 | 242.2 | 17.8 | 2 | 33.5 | 755 | 8 |

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

Averages = **234.3** **19.4** **1** **31.8** **718**
 LSD (0.10) = 19.8 1.5 2
 LSD (0.25) = 13.8 1.1 1
 C.V. = 6.2

New test site, no yield history

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

Test Comments: *This is a very nice uniform plot area. It was planted early and had nice uniform emergence. Growing conditions were nearly ideal all year. There was adequate rainfall all season long. Ears that were still standing upright at harvest, had kernels sprouting at the base. Plant health was still excellent at harvest with very little lodging, disease, or insect damage to note.*

† 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

Additional reports available at www.firstseedtests.com

©2016, all rights reserved by Agronomic Seed Consulting, Inc.

Report Date: 9/25/2016 Revised:

2016 Corn Grain - Missouri Northeast [MONE]



Full-Season Test Products (45 Total)

| Company/Brand | Product/Brand | Technol. | Seed Trt. | RM | Company/Brand | Product/Brand | Technol. | Seed Trt. | RM |
|----------------|------------------|-----------|-------------|-----|---------------|---------------|----------|-----------|----|
| AgriGold | A6572STX GC | STX | AC,P5V | 114 | | | | | |
| Augusta | A5664GT3000 | 3000GT | CM,C1 | 114 | | | | | |
| Becks | 6365AM^ | AM,B | Es | 113 | | | | | |
| Becks | 6418SXRIB | STX,B | Es | 114 | | | | | |
| Becks | 6589V2P | VT2P,B | Es | 115 | | | | | |
| Dekalb | DKC63-60RIB GC | STX,B | AC,P5V | 113 | | | | | |
| Dekalb | DKC64-87RIB GC | STX,B | ACHD,P5V | 114 | | | | | |
| Epley | E2305RR | RR2 | MQ | 113 | | | | | |
| FS InVISION | FS 63ZV1 RIB | VT2P,B | AC,P2 | 113 | | | | | |
| FS InVISION | FS 64SX1 RIB | STX,B | AC,P5V | 114 | | | | | |
| FS InVISION | FS 66ZV1 | VT2P | AC,P5V | 116 | | | | | |
| Golden Harvest | G14R38-3000GT | 3000GT | AVC,C5,Vi | 114 | | | | | |
| Golden Harvest | G16K01-3111 | 3111 | AVC,C5,Vi | 116 | | | | | |
| Golden Harvest | G18D87-3000GT | 3000GT | AVC,C5,Vi | 118 | | | | | |
| Kruger | K4R-9116 | STX,B | AC,P5V | 116 | | | | | |
| Kruger | KR-4917 | VT2P,B | AC,P5V | 116 | | | | | |
| Lewis | R1414SS | STX,B | AC,P5V | 114 | | | | | |
| LG Seeds | LG5643STX | STX | AC,P5V | 114 | | | | | |
| LG Seeds | LG5650STX | STX | AC,P5V | 114 | | | | | |
| LG Seeds | LG5663VT2PRIB | VT2P,B | AC,P5V | 115 | | | | | |
| LG Seeds | LG5701VT2PRIB GC | VT2P,B | AC,P5V | 116 | | | | | |
| NK Brand | N78S-3111 GC | 3111 | AVC,C5,Vi | 116 | | | | | |
| NuTech | 5N-914 | 3000GT | MQ,P5V,R | 114 | | | | | |
| NuTech/G2 Gen | 5F-015^ | AM,B | MQ,P5V | 115 | | | | | |
| NuTech/G2 Gen | 5F-515^ | AM,B | MQ,P5V,R | 115 | | | | | |
| NuTech/G2 Gen | 5F-713^ | AM,B | MQ,P5V,R | 113 | | | | | |
| NuTech/G2 Gen | X5Z-1509^ | OI | MQ,P1V,R | 115 | | | | | |
| Pfister | 2770RASS | STX,B | CM,C5,Vi,In | 113 | | | | | |
| Pfister | 3488HR | HX,RR2 | CM,C5,Vi,In | 115 | | | | | |
| Pfister | 73A2SS | STX | CM,C1,Vi,In | 113 | | | | | |
| Pfister | 73C1VX | HXT,RR2 | CM,C1,Vi,In | 113 | | | | | |
| Pioneer | P1257AMXT CK | AMXT,B | MQ,P1V | 112 | | | | | |
| Pioneer | P1311AMXT GC | AMXT,B | MQ,P1V,R | 113 | | | | | |
| Pioneer | P1417AMX GC | AMX,B | MQ,P1V | 114 | | | | | |
| Prairie Brand | 6305RA | STX,B | CM,C5,Vi,In | 113 | | | | | |
| Prairie Brand | 6367SX | STX | CM,C1,Vi,In | 113 | | | | | |
| Prairie Brand | 6394RA | STX,B | CM,C5,Vi,In | 114 | | | | | |
| Renk | RK924DGV2P | VT2P,DG,B | AC,P2 | 114 | | | | | |
| Renk | RK935SSTX | STX,B | AC,P5V | 114 | | | | | |
| Renk | RK941SSTX | STX,B | AC,P5V | 114 | | | | | |
| Renk | RK961SSTX | STX | AC,P5V | 116 | | | | | |
| Wyffels | W7696RIB | VT2P,B | AC,P2 | 113 | | | | | |
| Wyffels | W7888RIB | STX,B | AC,P5V | 114 | | | | | |
| Wyffels | W8268 | STX | AC,P5V | 116 | | | | | |
| Wyffels | W8918 | STX | AC,P5V | 116 | | | | | |

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. VPMaxx® 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®, VPMaxx® 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) | HX | Herculex® 1, contains LL |
| 3010 | Agrisure® 3010 (CB,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 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) |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | LL | LibertyLink® |
| A | Agrisure® Artesian® | None | conventional corn |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | OI | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2) |
| AMT | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2) | OIX | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| AMX | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2) | OIXT | Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2) |
| AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2) | RR2 | Roundup Ready® 2 Corn |
| AQ | Optimum® AQUAMax® | RW | Agrisure® Rootworm |
| B | Refuge Blend | STX | SmartStax® (VT3P,HXT,RR2,LL) |
| CB | Agrisure® Corn Boreer | VT2P | Genuity® VT Double PRO® |
| DG | Genuity® DroughtGard® | VT3P | Genuity® VT Triple PRO® |
| GT | Agrisure® GT | YGCB | YieldGard® Corn Borer |
| GT/CB/LL | Agrisure® GT/CB/LL | | |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| n/a | information not provided | In | Intego™ Solo |
| A | Allegiance® | L | Lorsban® |
| AC | Accelaron® fungicide products | Lu | Lumivia™ |
| AChD | Accelaron® fungicide products | 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 | V | Votivo® |
| D | Dynasty® | Vi | Vibrance® |
| Es | Escalate® | | |

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