



Test by: F.I.R.S.T. MSR, Inc. Columbia, MO

## 2019 Corn Grain Top 30 Harvest Report

Missouri North [MONO] PALMYRA, MO  
Shawn Kiefaber, Marion County, MO 63461

**Full-Season Test** 113 - 116 Day CRM  
B2019MONO06b

**Top 30 of 42** For Gross Income  
(Sorted by Yield)  
Average of ( ) Replications

**PREV. CROP/HERB:** Soybean / NA

**SOIL DESCRIPTION:** Smileyville silt loam, moderately  
drained, non-irrigated

**SOIL CONDITION:** No-Till, very high P, medium K,  
5.3 pH, 2.6% OM, 11.2 CEC

**PEST MANAGEMENT:**

**FERTILITY - Applied N:**

**Applied N-P-K (units):** 0-0-0

**SEEDED - RATE - ROW:** Jun 14 32.4 /A 30" spacing

**HARVESTED - STAND:**

### TEST COMMENTS:

*Historically, this Mississippi River bottom site has provided excellent data quality. However, this year river flooding prevented planting. Shawn allowed the trial to be re-located to his high ground, which was much appreciated. Due to high rainfall prior to and after planting, emergence and stands were poor and uneven. Ponding and wet soils were too much for the crop to overcome, and the site was abandoned for further analysis.*

| Company/Brand                     | Product/Brand | Technol.† | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------------------------|---------------|-----------|----|------------|------------|-----------|----------------|----------------------|------|
| <b>Lost. Due to poor results.</b> |               |           |    |            |            |           |                |                      |      |

*William Schelp*

William Schelp

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Averages =

LSD (0.10) = ns ns ns

LSD (0.25) = ns ns ns

C.V. =

**Yield & Income Factors:**

Base Moisture = 15%

Shrink = 1.2

Drying = \$0.00

Prices: GMO = \$3.75

Report Date: 12/09/2019

† 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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2019 Corn - Missouri North [ MONO ]

**Early-Season Test Products (42 Total)**

| Company/Brand  | Product/Brand    | Technology | RM  |
|----------------|------------------|------------|-----|
| CHAMPION       | 58A18VT2PRORIB   | VT2P,B     | 108 |
| CHAMPION       | 60A20 VT2 PRO    | VT2P,B     | 110 |
| CHAMPION       | 61A19VT2PRORIB   | VT2P,B     | 111 |
| CHAMPION       | 62A18VT2PRORIB   | VT2P,B     | 112 |
| DEKALB         | DKC60-88RIB GC   | VT2P,B     | 110 |
| DEKALB         | DKC62-53RIB GC   | VT2P,B     | 112 |
| DYNA-GRO       | D51VC67          | VT2P       | 110 |
| DYNA-GRO       | D52VC15          | VT2P       | 111 |
| DYNA-GRO       | D52VC63          | VT2P       | 112 |
| FEDERAL        | 6280VT2PRIB      | VT2P,B     | 112 |
| FS INVISION    | FS 57ZV1 RIB     | VT2P,B     | 107 |
| FS INVISION    | FS 59VL1 EZR     | 3220,B     | 109 |
| FS INVISION    | FS 60UV1 RIB     | VT2P,B     | 110 |
| FS INVISION    | FS 6194V RIB     | VT2P,B     | 111 |
| FS INVISION    | FS 62ZV1 RIB     | VT2P,B     | 112 |
| GOLDEN HARVEST | G08R52-3220-EZR  | 3220,B     | 108 |
| GOLDEN HARVEST | G10L16-3330A-EZR | 3330,A,B   | 110 |
| GOLDEN HARVEST | G12U17-3010      | 3010       | 112 |
| GREEN VALLEY   | GV7992VT2PRORIB  | VT2P,B     | 109 |
| GREEN VALLEY   | GV8102VT2PRORIB  | VT2P,B     | 111 |
| GREEN VALLEY   | GV8282VT2PRORIB  | VT2P,B     | 112 |
| LEWIS          | 08DP739          | VT2P,B     | 108 |
| LEWIS          | 09DD740          | VT2P,DG,B  | 109 |
| LEWIS          | 09DP720          | VT2P,B     | 109 |
| LEWIS          | 10DP719          | VT2P,B     | 110 |
| LEWIS          | 12DP779          | VT2P,B     | 112 |
| LG SEEDS       | LG62C02VT2RIB    | VT2P,B     | 112 |
| LG SEEDS       | LG62C35VT2       | VT2P       | 112 |
| NK BRAND       | NK0821-3120A     | 3120,A,B   | 108 |
| NK BRAND       | NK1082-3330A-EZR | 3330,A,B   | 110 |
| NK BRAND       | NK1205-3120-EZR  | 3120,B     | 112 |
| NUTECH         | 5FB-1111AM       | AM,B       | 111 |
| NUTECH         | 5FB-8808AM       | AM,B       | 108 |
| NUTECH         | 68B3AML          | OL,B       | 108 |
| NUTECH         | 69A6Q            | QR,B       | 109 |
| NUTECH         | 70B2Q            | QR,B       | 110 |

| Company/Brand | Brand/Product | Technology | RM  |
|---------------|---------------|------------|-----|
| PIONEER       | P1138AM GC    | AM         | 111 |
| PIONEER       | P1197AM GC    | AM,B       | 111 |
| PIONEER       | P1298AM GC    | AM         | 112 |
| PIONEER       | P1366AM CK    | AM,B       | 113 |
| RENK          | RK807SSTX     | STX        | 111 |
| RENK          | RK842SSTX     | STX,B      | 112 |

## 2019 Corn - Missouri North [ MONO ]

### Full-Season Test Products (42 Total)

| Company/Brand  | Product/Brand    | Technology | RM  |
|----------------|------------------|------------|-----|
| CHAMPION       | 63A13 VT2 PRO GC | VT2P,B     | 113 |
| CHAMPION       | 64A15 DG VT2     | VT2P,DG,B  | 114 |
| CHAMPION       | 64A20 VT2 PRO    | VT2P,B     | 114 |
| CHAMPION       | 66A18VT2PRORIB   | VT2P,B     | 116 |
| FEDERAL        | 6500TRE          | TRE        | 115 |
| FEDERAL        | 6580VT2PRIB      | VT2P,B     | 115 |
| FEDERAL        | 6680VT2PRIB      | VT2P,B     | 116 |
| FS INVISION    | FS 63ZV1 RIB     | VT2P,B     | 113 |
| FS INVISION    | FS 64SV1 RIB     | VT2P,B     | 114 |
| FS INVISION    | FS 64SX1 RIB     | STX,B      | 114 |
| FS INVISION    | FS 6595V RIB     | VT2P,B     | 115 |
| FS INVISION    | FS 66ZV1 RIB     | VT2P,B     | 116 |
| GOLDEN HARVEST | G13H15-3120-EZR  | 3120,B     | 113 |
| GOLDEN HARVEST | G13T41-3120-EZR  | 3120,B     | 113 |
| GOLDEN HARVEST | G15L32-3330-EZR  | 3330,B     | 115 |
| GREEN VALLEY   | GV8392VT2PRORIB  | VT2P,B     | 113 |
| GREEN VALLEY   | GV8472VT2PRORIB  | VT2P,B     | 114 |
| LEWIS          | 14DD849          | VT2P,DG,B  | 114 |
| LEWIS          | 15DP899          | VT2P,B     | 115 |
| LEWIS          | 16DP850          | VT2P,B     | 116 |
| LEWIS          | 16DP887          | VT2P,B     | 116 |
| LEWIS          | R1414VT2P        | VT2P,B     | 114 |
| LG SEEDS       | LG5643VT2RIB     | VT2P,B     | 113 |
| LG SEEDS       | LG5650VT2RIB     | VT2P,B     | 115 |
| LG SEEDS       | LG64C30TRE       | TRE,B      | 114 |
| NK BRAND       | NK1354-3220-EZR  | 3220,B     | 113 |
| NK BRAND       | NK1433-3120-EZR  | 3120,B     | 114 |
| NK BRAND       | NK1573-3330-EZR  | 3330,B     | 115 |
| NUTECH         | 5FB-2213AM       | AM,B       | 113 |
| NUTECH         | 5FB-6313AM       | AM,B       | 113 |
| NUTECH         | 74J1AML          | OL,B       | 114 |
| NUTECH         | 75D2AM           | AM,B       | 115 |
| NUTECH         | 75G1AM           | AM,B       | 115 |
| PIONEER        | P1366AM CK       | AM,B       | 113 |
| RENK           | 9-115SSTX        | STX        | 115 |
| RENK           | RK937VT2P        | VT2P,B     | 113 |

| Company/Brand | Brand/Product | Technology | RM  |
|---------------|---------------|------------|-----|
| RENK          | RK945DGVT2P   | VT2P,DG,B  | 115 |
| RENK          | RK961VT2P     | VT2P,B     | 116 |
| RENK          | RK965VT2P     | VT2P,B     | 116 |
| WYFFELS       | W7696RIB      | VT2P,B     | 113 |
| WYFFELS       | W7878         | STX        | 114 |
| WYFFELS       | W8646RIB      | VT2P,B     | 116 |

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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\*

|        |   |      |  |      |   |
|--------|---|------|--|------|---|
| 3010   | Agrisure® 3010 (CB,LL,GT)                 | AMXT | Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)        | OI   | Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)       |
| 3011,A | Agrisure® Artesian® (CB,RW,LL,GT)         | AQ   | Optimum® AQUAMax®                                    | OIX  | Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2) |
| 3110   | Agrisure® Viptera® 3110 (Vip, CB,LL,GT)   | B    | Refuge blend product                                 | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| 3111   | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | CB   | Agrisure® Corn Borer                                 | PC   | PowerCore™ (HX, VT2P)                           |
| 3120   | Agrisure® 3120 (CB,HX,LL,GT)              | DG   | Genuity® DroughtGard®                                | RR2  | Roundup Ready® 2 Corn                           |
| 3122   | Agrisure® 3122 (CB,HXX,RW,LL,GT)          | E    | Enlist™ (2,4-D, glyphosate, fop herbicide tolerance) | RW   | Agrisure® Rootworm                              |
| 3220   | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | GT   | Agrisure® GT   | STX  | SmartStax® (VT3P,HXT,RR2,LL)                    |
| 3330   | Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT) | HX   | Herculex® 1, contains LL                             | TRE  | Genuity® Trecepta™                              |
| A      | Agrisure® Artesian®                       | HXRW | Herculex® Rootworm, contains LL                      | VT2P | Genuity® VT Double PRO®                         |
| AM     | Optimum® AcreMax® (YGCB,HX,LL,RR2)        | HXT  | Herculex® Xtra (HX,HXRW,LL)                          | VT3P | Genuity® VT Triple PRO®                         |
| AMT    | Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)  | LL   | LibertyLink®   | YGCB | YieldGard® Corn Borer                           |
| AMX    | Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)  | None | conventional corn                                    |      |   |

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