

**2013 Corn Grain Top 30 Harvest Report**

Missouri Northeast [ MONE ] GREENTOP  
 Terry Sevits, Schuyler County, MO 63546



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

PREV. CROP/HERB: Soybean / Prefix, Roundup  
 SOIL DESCRIPTION: Belinda silt loam, moderately drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 2.5% OM  
 PEST MANAGEMENT: Dual II Magnum, Atrazine, Force, Warrior  
 FERTILITY - Applied N: 9 Fall, 100 Spring, 45 Planter  
 Applied N-P-K (units): 154-23-60  
 SEEDED - RATE - ROW: May 15 33,100 /A 30" spacing  
 HARVESTED - STAND: Oct 16 /A

**Early-Season Test**  
**107 - 112 Day CRM**  
 B2013MONE22a

**Top 30 of 36**  
 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 |
|---|----------------|-----------|-----------------|----|------------|------------|-----------|----------------|----------------------|------|
| Early-season test lost to excess spring moisture. Full-season test results presented. |                |           |                 |    |            |            |           |                |                      |      |

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Test Average =  
 LSD (0.10) =  
 C.V. =

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price =  $\frac{\$5.00}{n/a}$  Local GMO non-GMO

**Test Comments:** *Early-season test was lost due to heavy rainfalls after planting. It was in a slightly heavier soil with little slope and retained excess moisture, causing seeds to rot in the ground. The full-season test area drained due to greater slope. The rest of the year was relatively dry, causing a significant reduction in yield potential. Stalk quality was beginning to deteriorate rapidly near harvest.*

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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Report date: 10/17/2013 Revised:

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PEST MANAGEMENT: Dual II Magnum, Atrazine, Force, Warrior  
FERTILITY - Applied N: 9 Fall, 100 Spring, 45 Planter  
Applied N-P-K (units): 154-23-60  
SEEDING - RATE - ROW: May 15 33,100 /A 30" spacing  
HARVESTED - STAND: Oct 16 32,800 /A

**Full-Season Test**  
**113 - 116 Day CRM**  
B2013MONE22b

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

| Company/Brand | Product/Brand† | Technol.† | Seed Treatment† | RM  | Yield<br>Bu/A | Moisture<br>% | Lodging<br>% | Stand<br>(x 1000) | Gross Income<br>\$/Acre | Rank |
|---------------|----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| NuTech/G2 Gen | 5H-216         | HX,RR2    | MQ,P1V,R        | 116 | <b>149.9</b>  | 17.3          | 6            | 33.5              | 739                     | 1    |
| FS InVISION   | FS 66JV4 RIB   | VT3P,B    | AC,P2,Z         | 116 | <b>144.7</b>  | 17.0          | 2            | 35.3              | 715                     | 2    |
| AgriGold      | A6553VT3PRIB   | VT3P,B    | AC,P5V          | 114 | <b>142.6</b>  | 13.8          | 3            | 30.7              | 713                     | 3    |
| Green Valley  | GV8443VT3PRIB  | VT3P,B    | AC,P5V          | 114 | <b>139.3</b>  | 13.2          | 4            | 33.5              | 697                     | 4    |
| Lewis         | R1415VT3P      | VT3P,B    | AC,P5V          | 115 | <b>138.1</b>  | 17.2          | 1            | 34.4              | 681                     | 6    |
| Channel       | 215-82VT3PRIB  | VT3P,B    | AC,P5V          | 115 | <b>137.2</b>  | 15.2          | 4            | 30.6              | 685                     | 5    |
| Renk          | RK890VT3P      | VT3P      | AC,P2           | 113 | 134.5         | 14.5          | 3            | 34.4              | 673                     | 7    |
| Channel       | 215-52VT3PRIB  | VT3P,B    | AC,P5V          | 115 | 130.9         | 15.2          | 1            | 32.5              | 654                     | 8    |
| FS InVISION   | FS 63SX1 RIB   | STX,B     | AC,P5V,Z        | 113 | 129.0         | 14.0          | 2            | 30.7              | 645                     | 9    |
| Lewis         | R1313VT2P      | VT2P,B    | AC,P5V          | 113 | 128.2         | 14.9          | 3            | 33.5              | 641                     | 10   |
| Channel       | 214-14VT3PRIB  | VT3P,B    | AC,P5V          | 114 | 127.6         | 17.1          | 6            | 36.3              | 630                     | 11   |
| FS InVISION   | FS 65CX1 RIB   | STX,B     | AC,P5V,Z        | 115 | 124.4         | 14.3          | 5            | 32.5              | 622                     | 12   |
| Pfister       | 3488HR         | HX,RR2    | CM,C2           | 115 | 123.2         | 13.9          | 1            | 34.4              | 616                     | 13   |
| AgriGold      | A6517VT3PRIB   | VT3P,B    | AC,P5V          | 113 | 120.9         | 13.3          | 2            | 29.8              | 605                     | 14   |
| LG Seeds      | LG2636VT3PRIB  | VT3P,B    | AC,P5V          | 114 | 119.7         | 13.9          | 2            | 34.4              | 599                     | 15   |
| Augusta       | A5565VT3Pro    | VT3P      | M,D,P5          | 114 | 118.0         | 13.9          | 6            | 35.3              | 590                     | 16   |
| Channel       | 213-59STXRIB   | STX,B     | AC,P5V          | 113 | 117.8         | 14.5          | 1            | 34.4              | 589                     | 17   |
| Kruger        | KR-7913        | VT3P,B    | AC,P5V          | 113 | 117.5         | 14.3          | 2            | 31.6              | 588                     | 18   |
| NuTech/G2 Gen | 5Z-113         | OI        | MQ,P1V,R        | 113 | 117.2         | 15.8          | 2            | 31.6              | 583                     | 19   |
| NuTech/G2 Gen | 3F-515AM       | AM-R,B    | MQ,C2           | 115 | 116.6         | 14.1          | 2            | 32.5              | 583                     | 20   |
| Renk          | RK858VT3P      | VT3P      | AC,P2           | 113 | 116.4         | 15.1          | 5            | 26.9              | 582                     | 21   |
| Augusta       | A4564GENSS     | STX       | M,D,P5          | 114 | 116.3         | 16.7          | 2            | 31.6              | 576                     | 23   |
| LG Seeds      | LG2620VT3PRIB  | VT3P,B    | AC,P5V          | 113 | 115.7         | 13.7          | 2            | 31.6              | 579                     | 22   |
| NuTech/G2 Gen | 5Z-1505        | OI        | MQ,P1V,R        | 115 | 114.3         | 15.6          | 4            | 34.4              | 569                     | 25   |
| Pioneer       | P1339AM1       | AM1,B     | MQ,P1V          | 113 | 114.2         | 14.5          | 1            | 38.1              | 571                     | 24   |
| Kruger        | K4R-9315       | STX,B     | AC,P5V          | 115 | 113.7         | 14.5          | 9            | 28.8              | 569                     | 26   |
| AgriGold      | A6533VT3PRIB   | VT3P,B    | AC,P5V          | 113 | 113.0         | 13.4          | 2            | 30.7              | 565                     | 27   |
| Stine         | R9739VT3Pro    | VT3P,B    | AC,P2           | 113 | 112.6         | 13.1          | 4            | 29.8              | 563                     | 28   |
| LG Seeds      | LG5618STX      | STX       | AC,P5V          | 113 | 112.3         | 15.0          | 6            | 36.2              | 562                     | 29   |
| Renk          | RK930VT3P      | VT3P      | AC,P2           | 115 | 110.1         | 14.1          | 2            | 34.4              | 551                     | 30   |
| Pioneer       | P1221AMX CK    | AMX,B     | MQ,P1V          | 112 | 100.1         | 13.2          | 3            | 36.2              | 501                     | 36   |

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Test Average = **120.6** **14.6** **3** **32.8** **602**  
LSD (0.10) = 14.6 1.6 ns  
C.V. = 8.9 8.1

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$5.00 Local GMO  
n/a non-GMO

**Test Comments:** *Early-season test was lost due to heavy rainfalls after planting. It was in a slightly heavier soil with little slope and retained excess moisture, causing seeds to rot in the ground. The full-season test area drained due to greater slope. The rest of the year was relatively dry, causing a significant reduction in yield potential. Stalk quality was beginning to deteriorate rapidly near harvest.*

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Report date: 10/17/2013 Revised:

**Early-Season Test Products (36 Total)**

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM  | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|---------------|----------|----------|-----|---------------|---------------|----------|----------|----|
| AgriGold      | A6408VT3PRIB  | VT3P,B   | AC,P5V   | 107 |               |               |          |          |    |
| AgriGold      | A6458VT3PRIB  | VT3P,B   | AC,P5V   | 109 |               |               |          |          |    |
| AgriGold      | A6472VT3Pro   | VT3P     | AC,P5V   | 110 |               |               |          |          |    |
| Augusta       | A4658GT3110   | 3110     | CE,C2    | 108 |               |               |          |          |    |
| Augusta       | A5658GTCBLL   | GT/CB/LL | CE,C2    | 108 |               |               |          |          |    |
| FS InVISION   | FS 57QX1 RIB  | STX,B    | AC,P5V,Z | 107 |               |               |          |          |    |
| FS InVISION   | FS 59SX1 RIB  | STX,B    | AC,P5V,Z | 109 |               |               |          |          |    |
| FS InVISION   | FS 60ZV4      | VT3P     | AC,P5V   | 110 |               |               |          |          |    |
| FS InVISION   | FS 61JX1      | STX      | AC,P5V   | 111 |               |               |          |          |    |
| Green Valley  | GV8033VT3P    | VT3P     | AC,P5V   | 110 |               |               |          |          |    |
| Green Valley  | GV8243VT3P    | VT3P     | AC,P5V   | 111 |               |               |          |          |    |
| Kruger        | K4R-9512      | STX,B    | AC,P5V   | 112 |               |               |          |          |    |
| Kruger        | K4R-9708      | STX,B    | AC,P5V   | 108 |               |               |          |          |    |
| Kruger        | K4R-9911      | STX,B    | AC,P5V   | 110 |               |               |          |          |    |
| Kruger        | KR-7709       | VT3P,B   | AC,P5V   | 109 |               |               |          |          |    |
| Lewis         | 1308VT3P      | VT3P     | AC,P2    | 108 |               |               |          |          |    |
| Lewis         | R1407SS       | STX,B    | AC,P5V   | 107 |               |               |          |          |    |
| LG Seeds      | LG2549VT3PRIB | VT3P,B   | AC,P5V   | 109 |               |               |          |          |    |
| LG Seeds      | LG5579VT3P    | VT3P     | AC,P5V   | 109 |               |               |          |          |    |
| LG Seeds      | LG5607VT3P    | VT3P     | AC,P5V   | 111 |               |               |          |          |    |
| NuTech        | 5B-410        | GT/CB/LL | MQ,C2    | 110 |               |               |          |          |    |
| NuTech/G2 Gen | 5F-811AM      | AM,B     | MQ,C2    | 111 |               |               |          |          |    |
| NuTech/G2 Gen | 5Z-1205       | OI       | MQ,P1V,R | 112 |               |               |          |          |    |
| NuTech/G2 Gen | 5Z-612        | OI       | MQ,P1V,R | 112 |               |               |          |          |    |
| NuTech/G2 Gen | 5Z-709        | OI       | MQ,P1V,R | 109 |               |               |          |          |    |
| Pfister       | 2524SS        | STX      | CM,C2    | 108 |               |               |          |          |    |
| Pfister       | 2574RA        | STX,B    | CM,C2    | 110 |               |               |          |          |    |
| Pfister       | 2595RA        | STX,B    | CM,C2    | 111 |               |               |          |          |    |
| Pfister       | 2672RA        | STX,B    | CM,C2    | 112 |               |               |          |          |    |
| Pioneer       | P1221AMX CK   | AMX,B    | MQ,P1V   | 112 |               |               |          |          |    |
| Renk          | RK809GTCBLLRW | 3000GT   | CE,C2    | 110 |               |               |          |          |    |
| Renk          | RK860VT3P     | VT3P     | AC,P2    | 111 |               |               |          |          |    |
| Renk          | RK880SSTX     | STX,B    | AC,P5V   | 112 |               |               |          |          |    |
| Stine         | 9631VT3Pro    | VT3P     | CM,C2    | 109 |               |               |          |          |    |
| Stine         | 9632SS        | STX      | CM,C2    | 107 |               |               |          |          |    |
| Stine         | 9740VT3Pro    | VT3P     | CM,C2    | 110 |               |               |          |          |    |

2013 Corn Grain - Missouri Northeast [ MONE ]



**Full-Season Test Products (36 Total)**

| Company/Brand | Product/Brand | Technol. | Seed Trt | RM  | Company/Brand | Product/Brand | Technol. | Seed Trt | RM |
|---------------|---------------|----------|----------|-----|---------------|---------------|----------|----------|----|
| AgriGold      | A6517VT3PRIB  | VT3P,B   | AC,P5V   | 113 |               |               |          |          |    |
| AgriGold      | A6533VT3PRIB  | VT3P,B   | AC,P5V   | 113 |               |               |          |          |    |
| AgriGold      | A6553VT3PRIB  | VT3P,B   | AC,P5V   | 114 |               |               |          |          |    |
| Augusta       | A4564GENSS    | STX      | M,D,P5   | 114 |               |               |          |          |    |
| Augusta       | A5565VT3Pro   | VT3P     | M,D,P5   | 114 |               |               |          |          |    |
| Channel       | 213-59STXRIB  | STX,B    | AC,P5V   | 113 |               |               |          |          |    |
| Channel       | 214-14VT3PRIB | VT3P,B   | AC,P5V   | 114 |               |               |          |          |    |
| Channel       | 215-52VT3PRIB | VT3P,B   | AC,P5V   | 115 |               |               |          |          |    |
| Channel       | 215-82VT3PRIB | VT3P,B   | AC,P5V   | 115 |               |               |          |          |    |
| FS InVISION   | FS 63SX1 RIB  | STX,B    | AC,P5V,Z | 113 |               |               |          |          |    |
| FS InVISION   | FS 65CX1 RIB  | STX,B    | AC,P5V,Z | 115 |               |               |          |          |    |
| FS InVISION   | FS 66JV4 RIB  | VT3P,B   | AC,P2,Z  | 116 |               |               |          |          |    |
| Green Valley  | GV8443VT3PRIB | VT3P,B   | AC,P5V   | 114 |               |               |          |          |    |
| Kruger        | K4R-9315      | STX,B    | AC,P5V   | 115 |               |               |          |          |    |
| Kruger        | K4R-9813      | STX,B    | AC,P5V   | 113 |               |               |          |          |    |
| Kruger        | KR-4615       | VT2P,B   | AC,P5V   | 115 |               |               |          |          |    |
| Kruger        | KR-7913       | VT3P,B   | AC,P5V   | 113 |               |               |          |          |    |
| Lewis         | R1313VT2P     | VT2P,B   | AC,P5V   | 113 |               |               |          |          |    |
| Lewis         | R1415VT3P     | VT3P,B   | AC,P5V   | 115 |               |               |          |          |    |
| LG Seeds      | LG2620VT3PRIB | VT3P,B   | AC,P5V   | 113 |               |               |          |          |    |
| LG Seeds      | LG2636VT3PRIB | VT3P,B   | AC,P5V   | 114 |               |               |          |          |    |
| LG Seeds      | LG5618STX     | STX      | AC,P5V   | 113 |               |               |          |          |    |
| NuTech/G2 Gen | 3F-515AM      | AM-R,B   | MQ,C2    | 115 |               |               |          |          |    |
| NuTech/G2 Gen | 5H-216        | HX,RR2   | MQ,P1V,R | 116 |               |               |          |          |    |
| NuTech/G2 Gen | 5Z-113        | OI       | MQ,P1V,R | 113 |               |               |          |          |    |
| NuTech/G2 Gen | 5Z-1505       | OI       | MQ,P1V,R | 115 |               |               |          |          |    |
| Pfister       | 2770RA        | STX,B    | CM,C2    | 113 |               |               |          |          |    |
| Pfister       | 3488HR        | HX,RR2   | CM,C2    | 115 |               |               |          |          |    |
| Pioneer       | P1221AMX CK   | AMX,B    | MQ,P1V   | 112 |               |               |          |          |    |
| Pioneer       | P1339AM1      | AM1,B    | MQ,P1V   | 113 |               |               |          |          |    |
| Renk          | RK858VT3P     | VT3P     | AC,P2    | 113 |               |               |          |          |    |
| Renk          | RK890VT3P     | VT3P     | AC,P2    | 113 |               |               |          |          |    |
| Renk          | RK930VT3P     | VT3P     | AC,P2    | 115 |               |               |          |          |    |
| Renk          | RK941VT3P     | VT3P     | AC,P2    | 114 |               |               |          |          |    |
| Stine         | R9739VT3Pro   | VT3P,B   | AC,P2    | 113 |               |               |          |          |    |
| Wyffels       | W7888RIB      | STX,B    | AC,P5V   | 114 |               |               |          |          |    |

## 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. VPMaXX® 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®, VPMaXX® 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 F.I.R.S.T. 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,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.