

2014 Corn Grain Top 30 Harvest Report

Missouri Northeast [MONE] KAHOKA
Steve Weaver, Clark County, MO 63445



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

PREV. CROP/HERB: Soybean / Roundup (2x), Warrant, Resource
SOIL DESCRIPTION: Edina/Adco silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2.8% OM
PEST MANAGEMENT: TripleFLEX, atrazine, Roundup, Warrant, Force, Warrior
FERTILITY - Applied N: 176 Fall, 60 Sidedress
Applied N-P-K (units): 236-92-70
SEEDED - RATE - ROW: May 5 34,200 /A 30" spacing
HARVESTED - STAND: Oct 8 33,200 /A

Early-Season Test

107 - 112 Day CRM
B2014MONE21a

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 |
|---------------|-----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| AgriGold | A6499STXRIB | STX,B | AC,P5V | 112 | 256.1 | 23.5 | 1 | 31.6 | 882 | 5 |
| FS InVISION | FS 62SX1 RIB | STX,B | AC,P5V | 112 | 255.5 | 21.8 | 1 | 34.4 | 893 | 2 |
| AgriGold | A6458VT3PRIB | VT3P,B | AC,P5V | 110 | 253.7 | 19.5 | 1 | 32.6 | 904 | 1 |
| Renk | RK776SSTX | STX,B | AC,P2 | 107 | 252.6 | 21.4 | 1 | 32.5 | 886 | 4 |
| Lewis | R1409VT2P | VT2P,B | AC,P5V | 109 | 250.7 | 20.0 | 1 | 38.1 | 890 | 3 |
| AgriGold | A6472VT3PRIB | VT3P,B | AC,P5V | 110 | 248.4 | 20.0 | 1 | 33.5 | 882 | 6 |
| Beck | Phoenix 5832A3^ | 3011A | Es,P1V | 112 | 241.9 | 24.5 | 2 | 34.4 | 826 | 12 |
| LG Seeds | LG5607VT2PRIB | VT2P,B | AC,P5V | 111 | 238.2 | 20.0 | 1 | 33.5 | 846 | 7 |
| NuTech/G2 Gen | X5Z-1209^ | OI | MQ,P1V,R | 112 | 237.2 | 20.3 | 1 | 32.6 | 840 | 8 |
| Beck | XL 5828AM^ | AM,AQ,B | Es,P1V | 110 | 234.5 | 19.2 | 1 | 34.4 | 838 | 9 |
| NuTech/G2 Gen | 5F-709^ | AM,AQ,B | MQ,P5V | 109 | 234.4 | 19.8 | 1 | 29.8 | 834 | 10 |
| Renk | RK860VT3P | VT3P,B | AC,P2 | 111 | 234.2 | 19.9 | 1 | 31.6 | 832 | 11 |
| LG Seeds | LG5618STXRIB | STX,B | AC,P5V | 112 | 233.3 | 24.7 | 1 | 33.5 | 795 | 26 |
| Beck | XL 6175AM^ | AM,B | Es,P1V | 112 | 232.9 | 22.6 | 5 | 30.7 | 809 | 18 |
| NuTech/G2 Gen | 5F-811AM^ | AM,B | MQ,P5V | 111 | 232.7 | 22.4 | 1 | 32.6 | 809 | 19 |
| Prairie Brand | 1121RA | STX,B | CM,C2 | 112 | 232.5 | 21.5 | 2 | 35.3 | 815 | 13 |
| Pfister | 2574RA | STX,B | CM,C2 | 110 | 232.4 | 21.7 | 1 | 35.3 | 813 | 16 |
| Renk | RK834SSTX | STX | AC,P2 | 111 | 230.8 | 20.9 | 1 | 32.5 | 813 | 17 |
| Channel | 209-53STXRIB | STX,B | AC,P5V | 109 | 228.8 | 21.8 | 1 | 34.4 | 800 | 22 |
| Renk | RK791SSTX | STX,B | AC,P2 | 108 | 228.5 | 19.6 | 1 | 34.4 | 814 | 15 |
| FS InVISION | FS 57QX1 RIB | STX,B | AC,P5V | 107 | 228.1 | 19.2 | 1 | 34.4 | 815 | 14 |
| Prairie Brand | 5985SX | STX | CM,C2 | 111 | 225.3 | 19.8 | 2 | 32.5 | 801 | 21 |
| Pfister | 2565VT3Pro | VT3P | AC,P5 | 108 | 225.1 | 20.3 | 1 | 28.8 | 797 | 25 |
| NuTech/G2 Gen | 5Z-111^ | OI | MQ,P5V | 111 | 224.1 | 18.3 | 1 | 29.7 | 807 | 20 |
| Channel | 212-86STXRIB | STX,B | AC,P5V | 112 | 224.0 | 21.2 | 1 | 35.3 | 787 | 29 |
| Pfister | 2595RA | STX,B | CM,C2 | 111 | 222.8 | 20.5 | 1 | 30.7 | 788 | 28 |
| Augusta | A5658GT3000 | 3000GT | CM,C2 | 108 | 222.6 | 18.6 | 1 | 34.4 | 800 | 23 |
| FS InVISION | FS 60ZX1 RIB | STX,B | AC,P5V | 110 | 222.6 | 22.1 | 1 | 31.6 | 776 | 31 |
| AgriGold | A6408VT3PRIB | VT3P,B | AC,P5V | 107 | 219.6 | 17.1 | 1 | 35.3 | 799 | 24 |
| Lewis | R1407VT2P | VT2P,B | AC,P5V | 107 | 217.6 | 19.3 | 1 | 34.4 | 777 | 30 |
| Pioneer | P1221AMXT CK | AMXT,B | MQ,P1V | 112 | 225.7 | 21.9 | 1 | 33.5 | 788 | 27 |

Jason Beyers

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Test Average = **231.6** **20.9** **1** **33.2** **815**

LSD (0.10) = 16.5 0.9 2

LSD (0.25) = 11.5 0.7 1

C.V. = 5.2 3.3

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO non-GMO

Test Comments: Conditions at this location were almost ideal for most of the season. Rainfall may have been a little short during part of July, but nothing that appeared to be yield limiting. Stalks were starting to deteriorate rather quickly at the time of harvest. All lodging that was noted was due to stalk lodging. Ears on most all hybrids had medium to large kernels with good ear fill.

† 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

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Report date: 10/9/2014 Revised:

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Steve Weaver, Clark County, MO 63445



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

PREV. CROP/HERB: Soybean / Roundup (2x), Warrant, Resource
SOIL DESCRIPTION: Edina/Adco silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITION: Moderate P, moderate K, 6.4 pH, 2.8% OM
PEST MANAGEMENT: TripleFLEX, atrazine, Roundup, Warrant, Force, Warrior
FERTILITY - Applied N: 176 Fall, 60 Sidedress
Applied N-P-K (units): 236-92-70
SEEDED - RATE - ROW: May 5 34,200 /A 30" spacing
HARVESTED - STAND: Oct 8 33,100 /A

Full-Season Test
113 - 116 Day CRM
B2014MONE21b

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 |
|----------------|-----------------|-----------|-----------------|-----|---------------|---------------|--------------|-------------------|-------------------------|------|
| Lewis | R1414VT2P | VT2P,B | AC,P5V | 114 | 263.9 | 24.0 | 2 | 32.5 | 905 | 1 |
| Renk | RK898SSTX | STX | AC,P2 | 113 | 257.8 | 22.1 | 1 | 32.5 | 899 | 3 |
| NuTech/G2 Gen | 5Z-713^ | OI | MQ,P1V,R | 113 | 257.0 | 21.6 | 2 | 37.2 | 900 | 2 |
| NuTech/G2 Gen | 5H-216^ | HX,RR2 | MQ,P5V | 116 | 257.0 | 24.4 | 2 | 28.8 | 878 | 5 |
| Wyffels | W7888RIB | STX,B | AC,P5V | 114 | 256.9 | 23.9 | 1 | 32.5 | 882 | 4 |
| Beck | Phoenix 6542A4^ | 3111 | Es,P1V | 115 | 256.7 | 24.8 | 4 | 33.5 | 874 | 6 |
| Pfister | 2770RA | STX,B | CM,C2 | 113 | 252.8 | 25.2 | 1 | 34.4 | 858 | 8 |
| Channel | 217-08VT3PRIB | VT3P,B | AC,P5V | 117 | 252.7 | 26.0 | 1 | 32.5 | 852 | 10 |
| Beck | XL 6626AM^ | AM,B | Es,P1V | 114 | 252.0 | 23.6 | 5 | 33.5 | 867 | 7 |
| Renk | RK941SSTX | STX,B | AC,P2 | 114 | 249.9 | 26.5 | 1 | 32.5 | 838 | 13 |
| LG Seeds | LG5622STX | STX | AC,P5V | 113 | 247.9 | 22.9 | 1 | 30.7 | 858 | 9 |
| FS InVISION | FS 66JV4 RIB | VT3P,B | AC,P2 | 116 | 245.3 | 25.7 | 1 | 33.5 | 829 | 16 |
| LG Seeds | LG5630VT3PRIB | VT3P,B | AC,P5V | 114 | 244.1 | 23.8 | 1 | 31.6 | 839 | 12 |
| Beck | 6347 | GT | Es,P1V | 113 | 243.0 | 24.2 | 1 | 31.6 | 832 | 15 |
| Golden Harvest | G16K01-3111 | 3111 | AVC,C5 | 116 | 241.6 | 26.3 | 2 | 33.5 | 812 | 21 |
| NuTech/G2 Gen | 3F-814^ | AM-R,AQ,B | MQ,P5V | 114 | 241.2 | 21.3 | 2 | 36.2 | 847 | 11 |
| Augusta | A5565VT2Pro | VT2P | CM,C1 | 115 | 240.7 | 25.7 | 1 | 31.6 | 813 | 20 |
| Pioneer | P1339AMX | AMX,B | MQ,P1V | 113 | 240.4 | 23.6 | 2 | 33.5 | 827 | 17 |
| NK Brand | N74R-3000GT | 3000GT | AVC,C5 | 114 | 240.3 | 26.1 | 2 | 29.7 | 809 | 24 |
| Augusta | A4564GENSS | STX | AC,P5V | 114 | 240.2 | 25.6 | 1 | 31.6 | 812 | 22 |
| FS InVISION | FS 65SV4 RIB | VT3P,B | AC,P2 | 115 | 239.6 | 25.1 | 1 | 35.3 | 814 | 19 |
| AgriGold | A6533VT3PRIB | VT3P,B | AC,P5V | 113 | 239.2 | 21.8 | 1 | 33.5 | 836 | 14 |
| FS InVISION | FS 63SX1 RIB | STX,B | AC,P5V | 113 | 238.8 | 26.1 | 1 | 35.3 | 804 | 27 |
| Wyffels | W8377 | VT3P | AC,P5V | 115 | 238.7 | 24.0 | 1 | 33.5 | 819 | 18 |
| Wyffels | W7806RIB | VT2P,B | AC,P5V | 113 | 237.3 | 25.7 | 1 | 33.5 | 802 | 30 |
| Stine | R9739VT3Pro | VT3P,B | AC,P2 | 114 | 236.9 | 24.3 | 1 | 32.5 | 810 | 23 |
| Channel | 215-83STXRIB | STX,B | AC,P5V | 115 | 235.6 | 24.4 | 1 | 32.5 | 805 | 26 |
| AgriGold | A6559STXRIB | STX,B | AC,P5V | 113 | 234.8 | 23.9 | 1 | 34.4 | 806 | 25 |
| Lewis | R1415VT2P | VT2P,B | AC,P5V | 115 | 233.8 | 24.0 | 1 | 32.5 | 802 | 31 |
| LG Seeds | LG2602VT3PRIB | VT3P,B | AC,P5V | 112 | 232.0 | 23.0 | 2 | 31.6 | 803 | 28 |
| Pioneer | P1221AMXT CK | AMXT,B | MQ,P1V | 112 | 229.0 | 21.5 | 1 | 35.3 | 803 | 29 |

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Test Average = **240.0** 24.4 1 33.1 820
LSD (0.10) = 15.9 1.2 2
LSD (0.25) = 11.1 0.8 1
C.V. = 4.9 3.5

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = $\frac{\$3.70}{\$3.70}$ Local GMO non-GMO

Test Comments: Conditions at this location were almost ideal for most of the season. Rainfall may have been a little short during part of July, but nothing that appeared to be yield limiting. Stalks were starting to deteriorate rather quickly at the time of harvest. All lodging that was noted was due to stalk lodging. Ears on most all hybrids had medium to large kernels with good ear fill.

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Report date: 10/9/2014 Revised:

2014 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 | A6533VT3PRIB | VT3P,B | AC,P5V | 113 | | | | | |
| AgriGold | A6553VT3PRIB | VT3P,B | AC,P5V | 114 | | | | | |
| AgriGold | A6559STXRIB | STX,B | AC,P5V | 113 | | | | | |
| Augusta | A4564GENSS | STX | AC,P5V | 114 | | | | | |
| Augusta | A5565VT2Pro | VT2P | CM,C1 | 115 | | | | | |
| Beck | 6347 | GT | Es,P1V | 113 | | | | | |
| Beck | Phoenix 6542A4^ | 3111 | Es,P1V | 115 | | | | | |
| Beck | XL 6626AM^ | AM,B | Es,P1V | 114 | | | | | |
| Channel | 215-83STXRIB | STX,B | AC,P5V | 115 | | | | | |
| Channel | 217-08VT3PRIB | VT3P,B | AC,P5V | 117 | | | | | |
| FS InVISION | FS 63SX1 RIB | STX,B | AC,P5V | 113 | | | | | |
| FS InVISION | FS 64MX1 RIB | STX,B | AC,P5V | 114 | | | | | |
| FS InVISION | FS 65SV4 RIB | VT3P,B | AC,P2 | 115 | | | | | |
| FS InVISION | FS 66JV4 RIB | VT3P,B | AC,P2 | 116 | | | | | |
| Golden Harvest | G16K01-3111 | 3111 | AVC,C5 | 116 | | | | | |
| Lewis | R1414VT2P | VT2P,B | AC,P5V | 114 | | | | | |
| Lewis | R1415VT2P | VT2P,B | AC,P5V | 115 | | | | | |
| LG Seeds | LG2602VT3PRIB | VT3P,B | AC,P5V | 112 | | | | | |
| LG Seeds | LG2636VT3PRIB | VT3P,B | AC,P5V | 114 | | | | | |
| LG Seeds | LG5622STX | STX | AC,P5V | 113 | | | | | |
| LG Seeds | LG5630VT3PRIB | VT3P,B | AC,P5V | 114 | | | | | |
| NK Brand | N74R-3000GT | 3000GT | AVC,C5 | 114 | | | | | |
| NuTech/G2 Gen | 3F-515AM^ | AM-R,B | MQ,P5V | 115 | | | | | |
| NuTech/G2 Gen | 3F-814^ | AM-R,AQ,B | MQ,P5V | 114 | | | | | |
| NuTech/G2 Gen | 5H-216^ | HX,RR2 | MQ,P5V | 116 | | | | | |
| NuTech/G2 Gen | 5Z-713^ | OI | MQ,P1V,R | 113 | | | | | |
| Pfister | 2770RA | STX,B | CM,C2 | 113 | | | | | |
| Pfister | 2874RR | RR2 | CM,C2 | 113 | | | | | |
| Pfister | 3488HR | HX,RR2 | CM,C2 | 115 | | | | | |
| Pfister | 3497SS | STX | CM,C1 | 116 | | | | | |
| Pioneer | P1221AMXT CK | AMXT,B | MQ,P1V | 112 | | | | | |
| Pioneer | P1339AMX | AMX,B | MQ,P1V | 113 | | | | | |
| Prairie Brand | 1123RA | STX,B | CM,C2 | 113 | | | | | |
| Prairie Brand | R7443RRHX | HX,RR2 | CM,C2 | 116 | | | | | |
| Prairie Brand | R7452RRHX | HX,RR2 | CM,C2 | 116 | | | | | |
| Renk | RK890SSTX | STX,B | AC,P2 | 113 | | | | | |
| Renk | RK898SSTX | STX | AC,P2 | 113 | | | | | |
| Renk | RK935SSTX | STX | AC,P2 | 115 | | | | | |
| Renk | RK941SSTX | STX,B | AC,P2 | 114 | | | | | |
| Stine | R9739VT3Pro | VT3P,B | AC,P2 | 114 | | | | | |
| Stine | R9741EVT3Pro | VT3P,B | AC,P2 | 112 | | | | | |
| Wyffels | W7736RIB | VT2P,B | AC,P5V | 113 | | | | | |
| Wyffels | W7806RIB | VT2P,B | AC,P5V | 113 | | | | | |
| Wyffels | W7888RIB | STX,B | AC,P5V | 114 | | | | | |
| Wyffels | W8377 | VT3P | AC,P5V | 115 | | | | | |

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 FIRST when space permits. |

Corn Technologies*

| | | | |
|----------|---|----------|---|
| 3000GT | Agrisure® 3000GT (CB,RW,LL,GT) | DG | Genuity® DroughtGard® |
| 3011A | Agrisure® Artesian® (CB,RW,LL,GT) | GT | Agrisure® GT |
| 3110 | Agrisure® Viptera® 3110 (Vip, CB,LL,GT) | GT/CB/LL | Agrisure® GT/CB/LL |
| 3111 | Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT) | HX | Herculex® 1, contains LL |
| 3122 | Agrisure® 3122 (CB,HXX,RW,LL,GT) | HX,RR2 | Herculex® 1, Roundup Ready 2 Corn |
| 3220 | Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT) | HXRW | Herculex® Rootworm, contains LL |
| 5122 | Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT) | HXT | Herculex® Xtra (HX,HXRW,LL) |
| 5222 | Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT) | HXT,RR2 | Herculex® Xtra, Roundup Ready 2 Corn |
| A | Agrisure® Artesian® | LL | LibertyLink® |
| AM | Optimum® AcreMax® (YGCB,HX,LL,RR2) | None | conventional corn |
| AM-R | Optimum® AcreMax® (YGCB,HX,RR2) | OI | Optimum® Intrasect® (YGCB,HX,LL,RR2) |
| AM1 | Optimum® AcreMax®1 (HXT,LL,RR2) | OIX | Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2) |
| AMRW | Optimum® AcreMax® Rootworm (HXRW,LL,RR2) | OIXT | Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2) |
| AMRW-R | Optimum® AcreMax® Rootworm (HXRW,RR2) | OL | Optimum® Leptra® (Vip,YGCB,HX,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) |
| AQ | Optimum® AQUAmax® | VT2P | Genuity® VT Double PRO® |
| B | Blended seed (i.e. refuge blend) | VT3 | YieldGard VT Triple® |
| CB/LL | Agrisure® CB/LL | VT3P | Genuity® VT Triple PRO® |
| CB/LL/RW | Agrisure® CB/LL/RW | YGCB | YieldGard® Corn Borer |

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

Corn Seed Treatments**

| | | | |
|------------|---|------------|--|
| A | Allegiance® | L | Lorsban® |
| AC | Acceleron® 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® (tebuconazole) |
| CM | CruiserMaxx® Corn | St | Stamina® (pyraclostrobin) |
| D | Dynasty® (azoxystrobin) | V | Votivo® |
| Es | Escalate® | Z | zinc |

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