

**2011 BETTER HYBRIDS Harvest Report for Missouri North East [ MONE ]**

Terry Sevits, Schuyler County, MO 63546 [ GREENTOP ]

**EARLY SEASON TEST**
**107 - 112 Day CRM**

B1MONE22a

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Wabash silty clay, moderately drained, conventional w/o fall till, non-irrigated  
 SOIL CONDITION: Moderate P, moderate K, 6.8 pH, 3% OM  
 PEST MANAGEMENT: Force, Harness, Hornet, Atrazine  
 FERTILITY - Applied N: 150 Spring, 100 Sidedress,  
 Applied N-P-K (units): 250-0-0

30" ROW SPACING

SEEDED - RATE: May 9 32,400 /A  
 HARVESTED - STAND: Sep 28 30,900 /A

**TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

| Company/Brand  | Product/Brand     | Technology <sup>†</sup> | IST <sup>††</sup> | RM         | Yield Bu/A   | Moisture %  | Lodging %  | Stand (x 1000) | Gross Income \$/Acre | Rank      |
|----------------|-------------------|-------------------------|-------------------|------------|--------------|-------------|------------|----------------|----------------------|-----------|
| Stine          | 9729VT3Pro*       | VT3P                    | C250              | 110        | <b>170.3</b> | 25.1        | 2.0        | 27.0           | 1,140.5              | 1         |
| G2 Genetics    | 5H-1001^          | HX,RR2                  | P1250,V           | 110        | <b>168.9</b> | 25.1        | 1.0        | 31.6           | 1,131.1              | 2         |
| LG Seeds       | LG2602VT3         | VT3                     | P500,V            | 112        | <b>165.7</b> | 26.5        | 1.0        | 31.6           | 1,102.7              | 3         |
| Kruger         | K4-9710           | STX                     | P500,V            | 110        | <b>164.7</b> | 28.5        | 1.0        | 32.6           | 1,086.2              | 5         |
| Stine          | 9731VT3Pro*       | VT3P                    | C250              | 110        | <b>163.6</b> | 27.0        | 1.0        | 30.7           | 1,086.3              | 4         |
| Dyna-Gro       | 57V40 GC          | VT3                     | P250              | 110        | 162.4        | 26.7        | 1.0        | 29.8           | 1,079.8              | 6         |
| Pfister        | 2570SS            | STX                     | C250,AV           | 110        | 160.1        | 26.2        | 1.0        | 30.7           | 1,066.9              | 7         |
| Channel        | 212-75VT3P        | VT3P                    | P500,V            | 112        | 159.2        | 25.6        | 1.0        | 32.6           | 1,063.8              | 8         |
| G2 Genetics    | 5H-013^*          | HX,RR2                  | P1250,V           | 112        | 157.7        | 25.6        | 1.0        | 28.8           | 1,053.8              | 9         |
| AgriGold       | A6473STX          | STX                     | P500,V            | 109        | 157.7        | 26.4        | 1.0        | 32.6           | 1,050.0              | 11        |
| Pfister        | 2674HXTR          | HXT,RR2                 | C250,AV           | 111        | 157.6        | 26.1        | 9.0        | 26.0           | 1,050.7              | 10        |
| Channel        | 212-17VT3P        | VT3P                    | P500,V            | 112        | 156.4        | 25.4        | 1.0        | 28.8           | 1,046.0              | 13        |
| AgriGold       | A6458VT3          | VT3                     | P500,V            | 110        | 156.3        | 25.2        | 1.0        | 33.5           | 1,046.3              | 12        |
| NuTech         | 5N-1004*          | 3000GT                  | C250              | 110        | 154.3        | 25.4        | 17.7       | 31.6           | 1,032.0              | 14        |
| G2 Genetics    | 5X-812^*          | HXT,RR2                 | C250              | 112        | 154.0        | 27.8        | 1.0        | 27.0           | 1,018.9              | 16        |
| FS Seeds       | FS 60TV4          | VT3P                    | C250              | 110        | 151.6        | 23.4        | 1.0        | 33.5           | 1,023.0              | 15        |
| Kruger         | K-7211            | VT3P                    | P500,V            | 111        | 150.5        | 24.5        | 1.0        | 32.6           | 1,010.6              | 17        |
| FS Seeds       | FS 58MV4          | VT3P                    | C250              | 108        | 149.5        | 24.8        | 1.0        | 32.5           | 1,002.5              | 18        |
| G2 Genetics    | 5H-511^*          | HX,RR2                  | C250              | 111        | 146.6        | 25.8        | 9.0        | 27.0           | 978.7                | 19        |
| Pioneer        | P0916XR*          | HXT,RR2                 | C250              | 109        | 143.0        | 27.2        | 1.0        | 27.0           | 948.7                | 21        |
| AgriGold       | A6476VT3Pro       | VT3P                    | P500,V            | 110        | 141.9        | 26.2        | 1.0        | 31.6           | 945.6                | 22        |
| FS Seeds       | FS 62MV4          | VT3P                    | C250              | 112        | 141.8        | 27.5        | 1.0        | 31.6           | 939.4                | 24        |
| LG Seeds       | LG2549VT3         | VT3                     | P500,V            | 109        | 140.8        | 25.7        | 1.0        | 32.5           | 940.4                | 23        |
| Lewis          | 1209VT2P          | VT2P                    | P500,V            | 109        | 139.5        | 25.7        | 1.0        | 34.4           | 931.7                | 25        |
| FS Seeds       | FS 61BX1          | STX                     | C250              | 111        | 139.1        | 25.8        | 1.0        | 32.6           | 928.6                | 26        |
| Kruger         | K-7611            | VT3P                    | P500,V            | 111        | 137.3        | 25.5        | 1.0        | 32.6           | 917.9                | 27        |
| NK Brand       | N68B-3111 GC      | 3111                    | C250              | 111        | 136.8        | 26.5        | 1.0        | 27.9           | 910.4                | 28        |
| NuTech         | 5B-1003*          | GT/CB/LL                | C250              | 110        | 136.4        | 26.0        | 1.0        | 31.6           | 909.8                | 29        |
| Channel        | 210-44VT2P        | VT2P                    | P500,V            | 110        | 134.2        | 25.8        | 1.0        | 31.6           | 895.9                | 30        |
| Stine          | 9732VT3Pro*       | VT3P                    | C250              | 112        | 132.9        | 27.0        | 6.0        | 30.7           | 882.5                | 31        |
| <b>Pioneer</b> | <b>P1184XR CK</b> | <b>HXT,RR2</b>          | <b>C250</b>       | <b>111</b> | <b>143.7</b> | <b>25.3</b> | <b>1.0</b> | <b>29.7</b>    | <b>961.5</b>         | <b>20</b> |
| Test Average = |                   |                         |                   |            | <b>146.8</b> | <b>26.0</b> | <b>2.1</b> | <b>30.9</b>    | <b>979.1</b>         |           |
| LSD (0.10) =   |                   |                         |                   |            | 15.7         | 1.6         | 6.0        |                |                      |           |
| C.V. =         |                   |                         |                   |            | 7.8          | 4.5         |            |                |                      |           |



F.I.R.S.T. Manager

**TEST COMMENTS:** Rainfall had a major impact on the results that you see. The early part of the growing season started out well, then Terry said "at the end of June a 5 inch rain came very quickly." July and August produced less than 0.5 inch of rainfall. Stalk quality was excellent at the time of harvest, but ear shanks were weak. Very small amounts of disease present.

Lat: N40.38339, Long: W-92.65827

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$7.00

<sup>†</sup> TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

<sup>††</sup> IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 g ai/seed, respectively; **V** - Votivo

Identifies the check brand included 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, \* = brands without a seed lot number; **ns** = not significantly different

 Complete brands tested list & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report Date: 9/29/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Missouri North East [ MONE ]**

Terry Sevits, Schuyler County, MO 63546 [ GREENTOP ]

**FULL SEASON TEST**

**113 - 116 Day CRM**

B1MONE22b

PREV. CROP/HERB: Soybean / Roundup  
SOIL DESCRIPTION: Wabash silty clay, moderately drained, conventional w/o fall till, non-irrigated  
SOIL CONDITIONS: Moderate P, moderate K, 6.8 pH, 3% OM  
PEST MANAGEMENT: Force, Harness, Hornet, Atrazine  
FERTILITY - Applied N: 150 Spring, 100 Sidedress,  
Applied N-P-K (units): 250-0-0

30" ROW SPACING

SEEDED - RATE: May 9 32,400 /A  
HARVESTED - STAND: Sep 28 30,800 /A

TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company/Brand   | Product/Brand  | Technology <sup>†</sup> | IST <sup>††</sup> | RM  | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|----------------|-------------------------|-------------------|-----|------------|------------|-----------|----------------|----------------------|------|
| NK Brand        | N74R-3000GT GC | 3000GT                  | C250              | 113 | 183.5      | 29.4       | 1.0       | 30.7           | 1,205.2              | 1    |
| Channel         | 216-96VT3P     | VT3P                    | P500,V            | 116 | 180.3      | 28.7       | 1.0       | 27.9           | 1,188.0              | 2    |
| Kruger          | K-7215         | VT3P                    | P500,V            | 115 | 172.3      | 27.8       | 1.0       | 31.6           | 1,139.9              | 3    |
| Fielders Choice | NG6882         | RR2                     | P250              | 116 | 171.8      | 29.9       | 1.0       | 31.6           | 1,125.8              | 4    |
| Fielders Choice | NG6788         | VT3                     | P250              | 111 | 163.9      | 28.5       | 1.0       | 29.8           | 1,080.9              | 6    |
| Pioneer         | P1395HR        | HX,RR2                  | C250              | 113 | 161.9      | 24.5       | 1.0       | 31.6           | 1,087.2              | 5    |
| Lewis           | 1115VT2P       | VT2P                    | P500,V            | 115 | 161.5      | 29.4       | 1.0       | 30.7           | 1,060.7              | 8    |
| Kruger          | K-7514         | VT3P                    | P500,V            | 114 | 159.7      | 26.5       | 1.0       | 32.6           | 1,062.8              | 7    |
| NK Brand        | N78S-3111 GC   | 3111                    | C250              | 116 | 156.1      | 30.5       | 1.0       | 27.9           | 1,020.1              | 10   |
| Stine           | 9808VT3Pro*    | VT3P                    | C250              | 116 | 155.5      | 30.5       | 1.0       | 32.6           | 1,016.2              | 12   |
| AgriGold        | A6573VT3       | VT3                     | P500,V            | 114 | 153.9      | 29.5       | 1.0       | 33.5           | 1,010.4              | 14   |
| Fielders Choice | NG6798         | VT3P                    | P250              | 112 | 153.7      | 23.0       | 1.0       | 29.8           | 1,039.0              | 9    |
| Channel         | 213-32VT3      | VT3                     | P500,V            | 113 | 153.3      | 27.8       | 1.0       | 31.6           | 1,014.2              | 13   |
| Dyna-Gro        | D52Q90 GC      | 3000GT                  | P500              | 112 | 152.9      | 26.7       | 1.0       | 32.6           | 1,016.6              | 11   |
| LG Seeds        | LG2636VT3      | VT3                     | P500,V            | 114 | 152.9      | 29.5       | 1.0       | 31.6           | 1,003.8              | 15   |
| AgriGold        | A6553VT3       | VT3                     | P500,V            | 113 | 150.7      | 28.7       | 1.0       | 30.7           | 993.0                | 16   |
| G2 Genetics     | 5H-716^*       | HX,RR2                  | C250              | 116 | 149.7      | 28.9       | 1.0       | 32.5           | 985.5                | 18   |
| G2 Genetics     | 5H-513^*       | HX,RR2                  | C250              | 113 | 149.2      | 27.9       | 1.0       | 30.7           | 986.7                | 17   |
| FS Seeds        | FS 64JV3       | VT3                     | C250              | 114 | 147.9      | 27.0       | 1.0       | 32.5           | 982.1                | 19   |
| Fielders Choice | NG6880         | VT3                     | P250              | 117 | 147.9      | 30.4       | 3.7       | 29.8           | 967.0                | 22   |
| FS Seeds        | FS 63BV1       | VT2P                    | C250              | 113 | 147.8      | 27.0       | 1.0       | 31.6           | 981.4                | 20   |
| AgriGold        | A6533VT3       | VT3                     | P500,V            | 113 | 146.5      | 28.1       | 1.0       | 30.7           | 967.9                | 21   |
| NuTech          | 5N-813*        | 3000GT                  | C250              | 113 | 146.0      | 28.4       | 1.0       | 30.7           | 963.3                | 23   |
| FS Seeds        | FS 66S41       | GT/CB/LL                | C250              | 116 | 146.0      | 28.4       | 2.0       | 29.8           | 963.3                | 24   |
| FS Seeds        | FS 65BV3       | VT3                     | C250              | 115 | 145.9      | 30.1       | 1.0       | 29.8           | 955.2                | 25   |
| NuTech          | 5V-514*        | 3111                    | C250              | 114 | 142.5      | 28.0       | 1.0       | 27.9           | 941.9                | 26   |
| G2 Genetics     | 5X-1301^*      | HXT,RR2                 | P1250,V           | 113 | 140.4      | 28.0       | 1.0       | 29.8           | 928.0                | 28   |
| Channel         | 216-63VT3      | VT3                     | P500,V            | 116 | 139.3      | 29.3       | 1.0       | 30.7           | 915.3                | 30   |
| Lewis           | 1215VT3P       | VT3P                    | P500,V            | 115 | 139.2      | 28.5       | 1.0       | 32.5           | 918.0                | 29   |
| Channel         | 214-14VT3P     | VT3P                    | P500,V            | 114 | 131.7      | 26.8       | 1.0       | 31.6           | 875.3                | 31   |
| Pioneer         | P1184XR CK     | HXT,RR2                 | C250              | 111 | 140.3      | 25.8       | 1.0       | 31.6           | 936.6                | 27   |
| Test Average =  |                |                         |                   |     | 149.2      | 28.2       | 1.1       | 30.8           | 985.1                |      |
| LSD (0.10) =    |                |                         |                   |     | 13.5       | 2.6        | 1.1       |                |                      |      |
| C.V. =          |                |                         |                   |     | 6.6        | 6.8        |           |                |                      |      |

*Jacob T. Beyers*  
F.I.R.S.T. Manager

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<sup>††</sup> IST: AV - Avicta, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included 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, \* = brands without a seed lot number, ns = not significantly different



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

### Technologies

|          |                                       |
|----------|---------------------------------------|
| 3000GT   | Agrisure® 3000GT                      |
| 3111     | Agrisure® Viptera™ 3111               |
| AMRW     | Optimum® AcreMax™ Rootworm Protection |
| CB/LL    | Agrisure® CB/LL                       |
| CB/LL/RW | Agrisure® CB/LL/RW                    |
| GT       | Agrisure® GT                          |
| GT/CB/LL | Agrisure® GT/CB/LL                    |
| HX       | HERCULEX® I Insect Protection         |
| HXT      | HERCULEX® XTRA Insect Protection      |
| LL       | LibertyLink® herbicide tolerance      |
| RR       | Roundup Ready® Soybeans               |
| RR2      | Roundup Ready® Corn 2                 |
| RR2Y     | Genuity® Roundup Ready 2 Yield®       |
| STX      | SmartStax®                            |
| STS      | STS® herbicide tolerance              |
| VT2P     | Genuity® VT Double PRO™               |
| VT3      | YieldGard VT Triple®                  |
| VT3P     | Genuity® VT Triple PRO™               |

### Seed Treatments

|    |                 |
|----|-----------------|
| A  | Allegiance®     |
| AC | Acceleron®      |
| AM | ApronMaxx®      |
| AP | Apron XL®       |
| AV | Avicta®         |
| C  | Cruiser®        |
| CM | CruiserMaxx®    |
| E  | Excalibre™      |
| I  | Inovate™ System |
| G  | Gaicho®         |
| O  | Optimize®       |
| P  | Poncho®         |
| T  | Trilex®         |
| T2 | Trilex® 2000    |
| T6 | Trilex® 6000    |
| V  | VOTIVO®         |

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- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
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- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
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- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent