

**2011 BETTER HYBRIDS Harvest Report for Illinois West Central [ ILWC ]**  
 Al Johnston, Knox County, IL 61434 [ GALVA ]

**EARLY SEASON TEST**  
**105 - 110 Day CRM**

PREV. CROP/HERB: Corn / Harness Xtra, Lumax B11LWC02a

SOIL DESCRIPTION: Muscatine silty clay loam, moderately drained, strip-till, non-irrigated

SOIL CONDITION: High P, high K, 6.4 pH, 3.5% OM

PEST MANAGEMENT: Harness Xtra, 2,4-D, Cadet, Atrazine, Roundup UltraMax, Headline 30" ROW SPACING

FERTILITY - Applied N: 198 Fall, 28 Spring,

Applied N-P-K (units): 226-0-0

SEEDED - RATE: May 10 36,600 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Oct 3 34,300 /A 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           |  |
|-----------------|-------------------|-------------------------|-------------------|------------|----------------|--------------|-------------|----------------|----------------------|----------------|--|
| Bo-Jac          | 9460              | 3111                    | C250              | 110        | <b>246.9</b>   | 22.3         | 0.7         | 36.5           | 1,683.2              | 1              |  |
| Channel         | 210-57STX         | STX                     | P500,V            | 110        | <b>241.8</b>   | 24.7         | 0.0         | 32.6           | 1,634.0              | 2              |  |
| Great Heart     | HT-120VT3P*       | VT3P                    | P250              | 110        | <b>241.0</b>   | 25.9         | 2.7         | 34.5           | 1,621.3              | 3              |  |
| LG Seeds        | LG2549VT3         | VT3                     | P500,V            | 109        | <b>238.8</b>   | 24.9         | 0.0         | 33.2           | 1,612.5              | 4              |  |
| Steyer          | 10901             | STX                     | P250              | 109        | <b>237.0</b>   | 24.7         | 1.3         | 34.5           | 1,601.5              | 6              |  |
| Doebblers       | RPM 634HRQ^       | HXT,RR2                 | C250              | 110        | <b>236.0</b>   | 22.5         | 1.7         | 34.5           | 1,607.8              | 5              |  |
| AgriGold        | A6476VT3Pro       | VT3P                    | P500,V            | 110        | <b>234.2</b>   | 25.6         | 5.7         | 35.8           | 1,577.3              | 9              |  |
| LG Seeds        | LG2555VT3         | VT3                     | P500,V            | 110        | <b>233.7</b>   | 26.2         | 0.0         | 32.6           | 1,570.5              | 12             |  |
| FS Seeds        | FS 60TV4          | VT3P                    | C250              | 110        | <b>233.3</b>   | 22.0         | 0.0         | 35.8           | 1,592.3              | 7              |  |
| Renk            | RK795VT3P         | VT3P                    | P250              | 109        | <b>232.5</b>   | 24.4         | 0.0         | 35.8           | 1,572.9              | 10             |  |
| Dairyland       | ST-9210SSX        | STX                     | C250              | 110        | <b>232.4</b>   | 24.9         | 7.0         | 32.6           | 1,569.3              | 13             |  |
| Heritage        | 4602VT3           | VT3                     | P250              | 109        | <b>232.3</b>   | 22.9         | 0.0         | 35.2           | 1,580.2              | 8              |  |
| Channel         | 210-61VT3         | VT3                     | P500,V            | 110        | <b>231.4</b>   | 26.0         | 0.3         | 33.9           | 1,556.2              | 19             |  |
| FS Seeds        | FS 60MV4          | VT3P                    | C250              | 110        | <b>230.9</b>   | 24.6         | 16.0        | 35.2           | 1,560.9              | 15             |  |
| Great Heart     | HT-950VT3P*       | VT3P                    | P250              | 109        | <b>230.6</b>   | 24.5         | 5.3         | 35.2           | 1,559.4              | 16             |  |
| Channel         | 209-77VT3         | VT3                     | P500,V            | 109        | <b>230.5</b>   | 24.8         | 1.3         | 33.2           | 1,557.0              | 18             |  |
| Great Heart     | HT-110SS*         | STX                     | P250              | 110        | <b>230.0</b>   | 24.0         | 0.3         | 33.2           | 1,558.3              | 17             |  |
| Dairyland       | ST-9308SSX        | STX                     | C500,AV           | 108        | <b>229.0</b>   | 22.3         | 6.7         | 35.2           | 1,561.2              | 14             |  |
| Fielders Choice | NG6788            | VT3                     | P250              | 111        | <b>228.9</b>   | 24.7         | 0.0         | 34.5           | 1,546.8              | 22             |  |
| Mycogen         | 2V702             | HXT,RR2                 | C250              | 112        | <b>228.8</b>   | 20.3         | 0.0         | 32.6           | 1,571.3              | 11             |  |
| Croplan         | 6125VT3           | VT3                     | C250              | 109        | <b>227.8</b>   | 22.6         | 8.3         | 34.5           | 1,551.3              | 20             |  |
| Heritage        | 8610GENSS         | STX                     | P250              | 109        | <b>227.8</b>   | 23.0         | 1.3         | 33.2           | 1,549.0              | 21             |  |
| Phoenix         | 5552A4*           | 3111                    | P1250,V           | 110        | <b>227.3</b>   | 24.7         | 0.0         | 34.5           | 1,536.0              | 25             |  |
| G2 Genetics     | 5X-909^*          | HXT,RR2                 | C250              | 109        | <b>227.1</b>   | 22.7         | 0.3         | 35.2           | 1,546.0              | 23             |  |
| Garst           | 85E98-3000GT      | 3000GT                  | C250              | 109        | <b>226.0</b>   | 22.6         | 0.0         | 35.2           | 1,539.1              | 24             |  |
| NuTech          | 5N-1004*          | 3000GT                  | C250              | 110        | <b>225.9</b>   | 23.4         | 22.0        | 35.2           | 1,533.9              | 27             |  |
| Stine           | 9731VT3Pro*       | VT3P                    | C250              | 110        | <b>225.8</b>   | 23.2         | 0.0         | 31.9           | 1,534.3              | 26             |  |
| Great Lakes     | 5939G3VT3         | VT3                     | P500,V            | 109        | <b>225.7</b>   | 23.8         | 0.3         | 36.5           | 1,530.2              | 30             |  |
| Wyffels         | W5077             | VT3P                    | P250              | 107        | <b>223.2</b>   | 20.4         | 0.0         | 34.5           | 1,532.3              | 29             |  |
| Doebblers       | 554GRQ            | 3000GT                  | C250              | 105        | <b>221.9</b>   | 19.3         | 0.0         | 31.9           | 1,529.4              | 31             |  |
| <b>Pioneer</b>  | <b>P1184XR CK</b> | <b>HXT,RR2</b>          | <b>C250</b>       | <b>111</b> | <b>227.1</b>   | <b>25.0</b>  | <b>0.0</b>  | <b>30.6</b>    | <b>1,532.9</b>       | <b>28</b>      |  |
|                 |                   |                         |                   |            | Test Average = | <b>221.2</b> | <b>22.9</b> | <b>2.2</b>     | <b>34.3</b>          | <b>1,504.4</b> |  |
|                 |                   |                         |                   |            | LSD (0.10) =   | 13.0         | 1.4         | 6.0            |                      |                |  |
|                 |                   |                         |                   |            | C.V. =         | 4.4          | 4.7         |                |                      |                |  |

**TEST COMMENTS:** Al stated that he is very excited to have such tremendous corn yields from this season. The month of May had good rains. Precipitation info; June had small rains, July had one 0.5 inch rain, & August 10th had rain. Plant heights were around 8-9 feet.

Lodging scores reflect root lodging. Plant leaf and stalk health appeared to be good.

Lat: N41.15077, Long: W-90.11503

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 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

**2011 BETTER HYBRIDS Harvest Report for Illinois West Central [ ILWC ]**  
 Al Johnston, Knox County, IL 61434 [ GALVA ]

**FULL SEASON TEST**  
**111 - 114 Day CRM**

B11LWC02b

 PREV. CROP/HERB: Corn / Harness Xtra, Lumax  
 SOIL DESCRIPTION: Muscatine silty clay loam, moderately drained, strip-till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.4 pH, 3.5% OM  
 PEST MANAGEMENT: Harness Xtra, 2,4-D, Cadet, Atrazine, Roundup UltraMax, Headline  
 FERTILITY - Applied N: 198 Fall, 28 Spring,  
 Applied N-P-K (units): 226-0-0

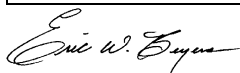
30" ROW SPACING

 SEEDED - RATE: May 10 36,600 /A  
 HARVESTED - STAND: Oct 3 34,400 /A

TOP 30 OF 81 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      |
|----------------|-------------------|-------------------------|-------------------|------------|--------------|-------------|------------|----------------|----------------------|-----------|
| Dyna-Gro       | D52VP20           | VT3P                    | P250              | 112        | <b>245.3</b> | 28.3        | 2.7        | 36.5           | 1,635.5              | 1         |
| Great Lakes    | 6354G3VT3         | VT3                     | P500,V            | 113        | <b>243.8</b> | 28.5        | 0.0        | 33.9           | 1,624.3              | 4         |
| Heritage       | 4662GENVT3P       | VT3P                    | P250              | 112        | <b>243.4</b> | 26.5        | 0.3        | 35.2           | 1,633.8              | 2         |
| Great Lakes    | 6232G3VT3         | VT3                     | P500,V            | 112        | <b>242.0</b> | 28.7        | 2.7        | 39.1           | 1,611.1              | 5         |
| Steyer         | 11406             | VT3P                    | P250              | 114        | <b>241.4</b> | 24.3        | 1.3        | 35.8           | 1,633.7              | 3         |
| AgriGold       | A6533VT3          | VT3                     | P500,V            | 113        | <b>239.5</b> | 29.5        | 0.0        | 34.5           | 1,589.7              | 10        |
| Lewis          | 1215VT3P          | VT3P                    | P500,V            | 115        | <b>239.3</b> | 26.1        | 0.0        | 33.9           | 1,608.7              | 6         |
| Stone          | 6324GVT3P         | VT3P                    | P500,V            | 113        | <b>239.1</b> | 25.9        | 0.0        | 34.5           | 1,608.5              | 7         |
| LG Seeds       | LG2620VT3         | VT3                     | P500,V            | 113        | <b>239.0</b> | 28.2        | 0.0        | 33.2           | 1,594.1              | 9         |
| Kruger         | K-7514            | VT3P                    | P500,V            | 114        | <b>238.3</b> | 26.0        | 0.0        | 35.2           | 1,602.6              | 8         |
| Dyna-Gro       | CX111113*         | VT3P                    | P250              | 113        | 237.0        | 28.2        | 0.3        | 36.5           | 1,580.8              | 12        |
| Kruger         | K-7211            | VT3P                    | P500,V            | 111        | 236.0        | 26.2        | 0.0        | 35.2           | 1,585.9              | 11        |
| Renk           | RK902VT3P         | VT3P                    | P250              | 113        | 235.0        | 28.3        | 0.0        | 34.5           | 1,566.9              | 14        |
| Wyffels        | W7147             | VT3P                    | P250              | 111        | 234.8        | 27.3        | 0.0        | 33.8           | 1,571.4              | 13        |
| AgriGold       | A6573VT3          | VT3                     | P500,V            | 113        | 233.2        | 30.7        | 0.7        | 33.9           | 1,540.9              | 20        |
| Beck           | XL 6175E3A*       | HXT,RR2                 | P1250,V           | 112        | 232.7        | 26.0        | 16.7       | 32.5           | 1,564.9              | 15        |
| Stone          | 6404GVT3P         | VT3P                    | P500,V            | 114        | 232.5        | 26.6        | 0.0        | 33.9           | 1,560.1              | 17        |
| Channel        | 214-14VT3P        | VT3P                    | P500,V            | 114        | 232.3        | 25.8        | 0.0        | 35.8           | 1,563.4              | 16        |
| Mycogen        | 2D744             | STX                     | C250,AV           | 111        | 232.1        | 27.8        | 1.7        | 33.2           | 1,550.4              | 18        |
| NK Brand       | N74R-3000GT       | 3000GT                  | C250              | 113        | 231.1        | 29.8        | 0.0        | 32.6           | 1,532.2              | 25        |
| Golden Harvest | H-8969 3111       | 3111                    | C250              | 111        | 230.9        | 28.2        | 0.0        | 35.8           | 1,540.1              | 21        |
| NK Brand       | N72F-3000GT       | 3000GT                  | C250              | 113        | 230.5        | 28.5        | 9.0        | 37.1           | 1,535.7              | 23        |
| LG Seeds       | LG2602VT3         | VT3                     | P500,V            | 112        | 230.2        | 29.2        | 0.7        | 33.9           | 1,529.7              | 28        |
| Renk           | RK858VT3P         | VT3P                    | P250              | 112        | 229.6        | 27.0        | 0.0        | 33.2           | 1,538.3              | 22        |
| Channel        | 212-08VT3P        | VT3P                    | P500,V            | 112        | 229.5        | 25.8        | 0.0        | 33.2           | 1,544.5              | 19        |
| FS Seeds       | FS 61BX1          | STX                     | C250              | 111        | 228.3        | 26.8        | 3.0        | 35.2           | 1,530.8              | 27        |
| Kruger         | K-7312            | VT3P                    | P500,V            | 112        | 228.0        | 26.0        | 0.0        | 34.5           | 1,533.3              | 24        |
| FS Seeds       | FS 62MV4          | VT3P                    | C250              | 112        | 227.9        | 26.9        | 0.0        | 33.9           | 1,527.5              | 29        |
| Channel        | 212-17VT3P        | VT3P                    | P500,V            | 112        | 226.6        | 25.5        | 0.0        | 34.5           | 1,526.7              | 30        |
| G2 Genetics    | 5H-511A*          | HX,RR2                  | C250              | 111        | 225.6        | 23.4        | 0.7        | 33.2           | 1,531.8              | 26        |
| <b>Pioneer</b> | <b>P1184XR CK</b> | <b>HXT,RR2</b>          | <b>C250</b>       | <b>111</b> | <b>225.2</b> | <b>27.3</b> | <b>0.0</b> | <b>32.6</b>    | <b>1,507.2</b>       | <b>35</b> |
| Test Average = |                   |                         |                   |            | <b>223.2</b> | <b>28.1</b> | <b>1.1</b> | <b>34.4</b>    | <b>1,489.5</b>       |           |
| LSD (0.10) =   |                   |                         |                   |            | 14.2         | 1.9         | 3.6        |                |                      |           |
| C.V. =         |                   |                         |                   |            | 4.7          | 4.9         |            |                |                      |           |



F.I.R.S.T. Manager

**TEST COMMENTS:** Al stated that he is very excited to have such tremendous corn yields from this season. The month of May had good rains. Precipitation info; June had small rains, July had one 0.5 inch rain, & August 10th had rain. Plant heights were around 8-9 feet.

Lodging scores reflect root lodging. Plant leaf and stalk health appeared to be good.

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Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 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: 10/4/2011

Revised:



## 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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- Inovate™ System is a trademark of Valent