

2011 BETTER HYBRIDS Harvest Report for Missouri North West [MONW]

Brian Kessel, Decatur County, IA 50140 [LAMONI]

EARLY SEASON TEST
107 - 112 Day CRM

B1MONW36a

 PREV. CROP/HERB: Soybean / OpTill, Buccaneer Plus
 SOIL DESCRIPTION: Grundy silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K,
 PEST MANAGEMENT: Volley ATZ, Durango, Force
 FERTILITY - Applied N: 115 Fall, 11 Spring, 25 Planter,
 Applied N-P-K (units): 151-16-4

30" ROW SPACING

 SEEDED - RATE: May 3 31,500 /A
 HARVESTED - STAND: Oct 9 30,100 /A

TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technology [†] | IST ^{††} | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|-----------------|---------------|-------------------------|-------------------|-----|--------------|-------------|------------|----------------|----------------------|------|
| Kruger | K-7211 | VT3P | P500,V | 111 | 190.7 | 16.2 | 1.0 | 31.6 | 1,214.8 | 1 |
| Channel | 212-75VT3P | VT3P | P500,V | 112 | 184.3 | 17.2 | 1.0 | 29.8 | 1,169.4 | 3 |
| FS Seeds | FS 62MV4 | VT3P | C250 | 112 | 183.8 | 16.5 | 1.0 | 30.7 | 1,169.4 | 4 |
| Taylor | 88C112* | VT2P | P250 | 110 | 183.6 | 16.2 | 1.0 | 29.8 | 1,169.5 | 2 |
| Fielders Choice | NG6789 | VT3 | P250 | 113 | 182.9 | 17.2 | 1.0 | 29.8 | 1,160.5 | 5 |
| Stine | 9732VT3Pro* | VT3P | C250 | 112 | 182.9 | 18.0 | 1.0 | 32.5 | 1,156.8 | 6 |
| Dyna-Gro | 57V40 | VT3 | P250 | 110 | 181.0 | 16.2 | 1.0 | 29.8 | 1,153.0 | 7 |
| Taylor | 8820 | VT2P | P250 | 112 | 178.9 | 16.7 | 3.0 | 30.7 | 1,137.4 | 9 |
| FS Seeds | FS 60TV4 | VT3P | C250 | 110 | 178.8 | 15.4 | 2.0 | 29.8 | 1,142.5 | 8 |
| AgriGold | A6473STX | STX | P500,V | 109 | 178.5 | 16.2 | 1.0 | 29.8 | 1,137.0 | 10 |
| FS Seeds | FS 58MV4 | VT3P | C250 | 108 | 178.0 | 15.7 | 1.0 | 29.8 | 1,136.1 | 11 |
| AgriGold | A6458VT3 | VT3 | P500,V | 110 | 178.0 | 16.4 | 1.0 | 30.7 | 1,133.0 | 12 |
| G2 Genetics | 5X-812* | HXT,RR2 | C250 | 112 | 177.7 | 17.5 | 1.0 | 31.6 | 1,126.2 | 15 |
| LG Seeds | LG2555VT3 | VT3 | P500,V | 110 | 177.4 | 16.4 | 4.0 | 29.8 | 1,129.2 | 14 |
| Kruger | K-4207 | VT2P | P500,V | 107 | 176.8 | 15.3 | 1.0 | 32.6 | 1,130.2 | 13 |
| Taylor | 88A111* | VT2P | P250 | 111 | 176.7 | 16.7 | 1.0 | 29.8 | 1,123.4 | 16 |
| Dekalb | DKC62-97 GC | VT3P | P250 | 112 | 175.8 | 16.3 | 1.0 | 31.6 | 1,119.4 | 17 |
| LG Seeds | LG2602VT3 | VT3 | P500,V | 112 | 175.6 | 17.9 | 1.0 | 32.6 | 1,111.1 | 18 |
| Channel | 210-44VT2P | VT2P | P500,V | 110 | 174.1 | 16.7 | 1.0 | 30.7 | 1,106.8 | 20 |
| Channel | 212-17VT3P | VT3P | P500,V | 112 | 173.6 | 15.7 | 1.0 | 30.7 | 1,108.0 | 19 |
| Kruger | K-7611 | VT3P | P500,V | 111 | 173.3 | 15.7 | 1.0 | 29.8 | 1,106.1 | 21 |
| FS Seeds | FS 61BX1 | STX | C250 | 111 | 172.7 | 16.1 | 1.0 | 31.6 | 1,100.5 | 22 |
| G2 Genetics | 5F-1201^ | HXT,RR2 | P1250,V | 112 | 172.7 | 16.4 | 1.0 | 30.7 | 1,099.2 | 23 |
| Stine | 9729VT3Pro* | VT3P | C250 | 110 | 172.2 | 16.5 | 1.0 | 30.7 | 1,095.6 | 24 |
| G2 Genetics | 5H-1001^ | HX,RR2 | P1250,V | 110 | 171.4 | 15.5 | 1.0 | 27.0 | 1,094.8 | 25 |
| Channel | 209-85VT3P | VT3P | P500,V | 109 | 171.1 | 15.8 | 1.0 | 28.8 | 1,091.6 | 26 |
| G2 Genetics | 5H-013* | HX,RR2 | P1250,V | 112 | 170.2 | 16.0 | 1.0 | 28.8 | 1,085.0 | 27 |
| NuTech | 5N-1004* | 3000GT | C250 | 110 | 169.9 | 15.9 | 1.0 | 30.7 | 1,083.5 | 28 |
| Kruger | K4-9710 | STX | P500,V | 110 | 169.1 | 15.7 | 1.0 | 29.8 | 1,079.3 | 29 |
| Taylor | 1940 | VT3 | P250 | 112 | 168.8 | 16.4 | 1.0 | 27.9 | 1,074.4 | 30 |
| Pioneer | P1292AM1 CK | HXT,RR2 | C250 | 112 | 160.7 | 16.1 | 1.0 | 31.6 | 1,024.1 | 39 |
| Test Average = | | | | | 173.4 | 16.1 | 1.1 | 30.1 | 1,105.0 | |
| LSD (0.10) = | | | | | 10.5 | 0.6 | 0.5 | | | |
| C.V. = | | | | | 4.5 | 2.6 | | | | |

F.I.R.S.T. Manager

TEST COMMENTS: This corn location looked very good at harvest. It got off to a cool wet start, then from June to August rainfall was short of normal. Yields were outstanding considering the weather pattern this year. Plants were standing well and remained intact at harvest.

No major diseases present.

Lat: N40.82917, Long: W-93.97944

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.40

[†] 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

^{††} 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

AgSCI Copyright 2011

Report Date: 10/11/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Missouri North West [MONW]

Brian Kessel, Decatur County, IA 50140 [LAMONI]

FULL SEASON TEST
113 - 116 Day CRM

B1MONW36b

PREV. CROP/HERB: Soybean / OpTill, Buccaneer Plus
 SOIL DESCRIPTION: Grundy silty clay loam, mod. well drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K,
 PEST MANAGEMENT: Volley ATZ, Durango, Force
 FERTILITY - Applied N: 115 Fall, 11 Spring, 25 Planter,
 Applied N-P-K (units): 151-16-4

30" ROW SPACING

SEEDED - RATE: May 3 31,500 /A
 HARVESTED - STAND: Oct 9 30,000 /A

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

AVERAGE of (3) REPLICATIONS

| Company/Brand | Product/Brand | Technology [†] | IST ^{††} | RM | Yield Bu/A | Moisture % | Lodging % | Stand (x 1000) | Gross Income \$/Acre | Rank |
|----------------|-----------------|-------------------------|-------------------|-----|--------------|-------------|------------|----------------|----------------------|------|
| Lewis | 1215VT3P | VT3P | P500,V | 115 | 197.0 | 18.4 | 1.0 | 31.6 | 1,244.1 | 1 |
| Garst | 83Z99-3000GT GC | 3000GT | C250 | 113 | 186.3 | 20.1 | 2.0 | 29.8 | 1,168.6 | 2 |
| FS Seeds | FS 66S41 | GT/CB/LL | C250 | 116 | 184.9 | 20.1 | 1.0 | 30.7 | 1,159.8 | 4 |
| FS Seeds | FS 63BV1 | VT2P | C250 | 113 | 183.4 | 17.2 | 3.0 | 29.8 | 1,163.7 | 3 |
| Kruger | K-7215 | VT3P | P500,V | 115 | 180.6 | 18.2 | 1.0 | 30.7 | 1,141.4 | 5 |
| Channel | 216-96VT3P | VT3P | P500,V | 116 | 177.0 | 17.4 | 1.0 | 28.8 | 1,122.2 | 6 |
| Dekalb | DKC63-84 GC | VT3 | P250 | 113 | 176.1 | 16.5 | 1.0 | 29.8 | 1,120.4 | 7 |
| Channel | 216-63VT3 | VT3 | P500,V | 116 | 175.8 | 17.8 | 1.0 | 29.8 | 1,112.8 | 8 |
| LG Seeds | LG2620VT3 | VT3 | P500,V | 113 | 175.6 | 17.7 | 1.0 | 30.7 | 1,112.0 | 9 |
| Great Lakes | 6530G3VT3 GC | VT3 | P500,V | 115 | 174.8 | 18.2 | 2.0 | 30.7 | 1,104.7 | 11 |
| Dekalb | DKC64-69 GC | VT3P | P250 | 114 | 174.4 | 17.0 | 1.0 | 30.7 | 1,107.4 | 10 |
| Stine | 9808VT3Pro* | VT3P | C250 | 116 | 174.3 | 22.5 | 1.0 | 31.6 | 1,082.8 | 14 |
| AgriGold | A6573VT3 | VT3 | P500,V | 114 | 173.4 | 17.9 | 1.0 | 31.6 | 1,097.2 | 12 |
| Dyna-Gro | D52VP20 | VT3P | P250 | 112 | 171.9 | 16.8 | 1.0 | 29.8 | 1,092.4 | 13 |
| AgriGold | A6553VT3 | VT3 | P500,V | 113 | 171.2 | 18.8 | 1.0 | 29.8 | 1,079.4 | 16 |
| Great Lakes | 6455G3VT3 GC | VT3 | P500,V | 114 | 170.8 | 18.8 | 1.0 | 28.8 | 1,076.9 | 17 |
| Channel | 214-14VT3P | VT3P | P500,V | 114 | 170.3 | 16.9 | 1.0 | 29.8 | 1,081.8 | 15 |
| Pioneer | P1395HR GC | HX,RR2 | C250 | 113 | 167.8 | 16.2 | 1.0 | 28.8 | 1,068.9 | 18 |
| G2 Genetics | 5H-515* | HX,RR2 | C250 | 115 | 165.9 | 17.8 | 1.0 | 29.8 | 1,050.1 | 19 |
| G2 Genetics | 5H-716* | HX,RR2 | C250 | 116 | 164.1 | 20.0 | 2.0 | 31.6 | 1,029.7 | 24 |
| LG Seeds | LG2636VT3 | VT3 | P500,V | 114 | 163.7 | 17.4 | 1.0 | 29.8 | 1,037.9 | 20 |
| Lewis | 1115VT2P | VT2P | P500,V | 115 | 163.2 | 18.1 | 1.0 | 29.8 | 1,031.8 | 22 |
| Dyna-Gro | CX11113* | VT3P | P250 | 113 | 162.6 | 16.7 | 1.0 | 29.8 | 1,033.7 | 21 |
| Kruger | K-7516 | VT3P | P500,V | 116 | 162.6 | 17.6 | 1.0 | 28.8 | 1,030.1 | 23 |
| NuTech | 5N-813* | 3000GT | C250 | 113 | 162.4 | 17.7 | 1.0 | 30.7 | 1,028.4 | 25 |
| Kruger | K-7312 | VT3P | P500,V | 112 | 160.9 | 15.7 | 1.0 | 29.8 | 1,026.9 | 26 |
| FS Seeds | FS 64JV3 | VT3 | C250 | 114 | 160.3 | 16.5 | 1.0 | 30.7 | 1,019.9 | 27 |
| AgriGold | A6533VT3 | VT3 | P500,V | 113 | 160.2 | 17.8 | 1.0 | 29.8 | 1,014.1 | 29 |
| FS Seeds | FS 65BV3 | VT3 | C250 | 115 | 159.8 | 18.2 | 1.0 | 29.8 | 1,009.9 | 30 |
| G2 Genetics | 5X-1301^* | HXT,RR2 | P1250,V | 113 | 158.8 | 17.7 | 1.0 | 28.8 | 1,005.6 | 31 |
| Pioneer | P1292AM1 CK | HXT,RR2 | C250 | 112 | 159.8 | 16.9 | 1.0 | 30.7 | 1,015.1 | 28 |
| Test Average = | | | | | 168.3 | 17.9 | 1.1 | 30.0 | 1,064.6 | |
| LSD (0.10) = | | | | | 11.7 | 0.6 | 0.7 | | | |
| C.V. = | | | | | 5.1 | 2.6 | | | | |


 F.I.R.S.T. Manager

TEST COMMENTS: *This corn location looked very good at harvest. It got off to a cool wet start, then from June to August rainfall was short of normal. Yields were outstanding considering the weather pattern this year. Plants were standing well and remained intact at harvest.*

No major diseases present.

Lat: N40.82917, Long: W-93.97944

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.40

[†] 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

^{††} 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

AgSCI Copyright 2011

Report Date: 10/11/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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® |

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent