

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

Mike Shrewsbury, Clinton County, MO 64465 [ LATHROP ]

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

B1MONW31a

PREV. CROP/HERB: Soybean / Authority, Volunteer, Resource, Cobra  
 SOIL DESCRIPTION: Grundy silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITION: Mod. Low P, mod. high K, 7 pH, 3.3% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Glyphosate, Baythroid  
 FERTILITY - Applied N: 68 Spring, 100 Sidedress,  
 Applied N-P-K (units): 168-173-0

30" ROW SPACING

SEEDED - RATE: May 3 29,900 /A  
 HARVESTED - STAND: Sep 25 28,900 /A

**TOP 30 OF 42 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
FS Seeds	FS 60TV4	VT3P	C250	110	<b>169.4</b>	17.8	1.0	28.9	1,072.3	1
Channel	212-75VT3P	VT3P	P500,V	112	<b>168.7</b>	20.1	1.0	32.9	1,058.2	2
Taylor	8820	VT2P	P250	112	<b>168.5</b>	19.8	1.0	27.9	1,058.2	3
Kruger	K-7611	VT3P	P500,V	111	<b>167.6</b>	18.7	1.0	26.9	1,057.1	4
Kruger	K-7211	VT3P	P500,V	111	158.4	16.9	1.0	28.9	1,006.2	5
Channel	212-17VT3P	VT3P	P500,V	112	157.5	18.0	1.0	30.9	996.2	6
Stine	9732VT3Pro*	VT3P	C250	112	156.9	20.4	1.0	26.9	983.0	10
Dyna-Gro	57V40	VT3	P250	110	156.6	19.6	1.0	26.9	984.2	8
Channel	209-85VT3P	VT3P	P500,V	109	156.0	17.7	1.0	28.9	987.9	7
Taylor	88A111*	VT2P	P250	111	155.2	19.1	1.0	30.9	977.4	11
Fielders Choice	NG6710	VT3P	P250	108	154.3	16.0	1.0	28.9	983.7	9
Channel	210-44VT2P	VT2P	P500,V	110	153.6	18.7	1.0	29.9	968.8	12
Lewis	1209VT2P	VT2P	P500,V	109	152.3	16.7	1.0	31.9	968.2	13
NuTech	5N-1004*	3000GT	C250	110	151.2	16.5	1.0	30.9	962.0	14
FS Seeds	FS 61BX1	STX	C250	111	151.0	18.7	1.0	31.9	952.4	16
Dekalb	DKC62-97 GC	VT3P	P250	112	150.9	18.4	1.0	28.9	952.9	15
Taylor	88C112*	VT2P	P250	110	150.4	18.8	1.0	25.9	948.3	18
AgriGold	A6473STX	STX	P500,V	109	150.3	18.4	1.0	30.9	949.1	17
LG Seeds	LG2602VT3	VT3	P500,V	112	150.3	21.1	1.0	27.9	939.0	20
Fielders Choice	NG6789	VT3	P250	113	149.5	19.4	1.0	31.9	940.4	19
Fielders Choice	NG6798	VT3P	P250	112	147.5	18.3	1.0	27.9	931.8	21
G2 Genetics	5H-013*	HX,RR2	P1250,V	112	146.8	18.7	1.0	26.9	925.9	22
Taylor	1940	VT3	P250	112	146.6	18.8	1.0	25.9	924.3	23
LG Seeds	LG2555VT3	VT3	P500,V	110	146.4	20.0	2.0	27.9	918.7	26
Stine	9729VT3Pro*	VT3P	C250	110	146.2	18.7	1.0	29.9	922.2	25
AgriGold	A6458VT3	VT3	P500,V	110	145.0	19.1	1.0	24.9	913.1	27
Stine	9731VT3Pro*	VT3P	C250	110	145.0	19.4	1.0	24.9	912.1	28
Kruger	K-4207	VT2P	P500,V	107	144.7	15.8	1.0	28.9	923.2	24
FS Seeds	FS 62MV4	VT3P	C250	112	143.5	18.3	1.0	29.9	906.6	30
Garst	85E98-3000GT GC	3000GT	C250	109	143.0	17.6	1.0	30.9	905.9	31
<b>Pioneer</b>	<b>P1292AM1 CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>112</b>	<b>144.3</b>	<b>18.4</b>	<b>1.0</b>	<b>28.9</b>	<b>911.3</b>	<b>29</b>
Test Average =					<b>148.8</b>	<b>18.2</b>	<b>1.0</b>	<b>28.9</b>	<b>940.2</b>	
LSD (0.10) =					11.8	1.2	0.4			
C.V. =					5.8	4.8				

F.I.R.S.T. Manager

**TEST COMMENTS:** *Very cool and wet to start growing season then turned hot and dry in June and dry in July. This stress caused poor seed set on ear tips. The plants looked very healthy, some gray leaf spot seen. Baythroid was needed to control black cutworm. Wind damage was seen in the area but missed the plot was missed. Occasional root lodging observed.*

Lat: N39.52827, Long: W-94.33891

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

<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: 9/25/2011

Revised:

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Mike Shrewsbury, Clinton County, MO 64465 [ LATHROP ]

**FULL SEASON TEST**
**113 - 116 Day CRM**

B1MONW31b

PREV. CROP/HERB: Soybean / Authority, Volunteer, Resource, Cobra  
 SOIL DESCRIPTION: Grundy silt loam, well drained, no-till, non-irrigated  
 SOIL CONDITIONS: Mod. Low P, mod. high K, 7 pH, 3.3% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Glyphosate, Baythroid  
 FERTILITY - Applied N: 68 Spring, 100 Sidedress,  
 Applied N-P-K (units): 168-173-0

30" ROW SPACING

SEEDED - RATE: May 3 29,900 /A  
 HARVESTED - STAND: Sep 25 29,500 /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
Dyna-Gro	D52VP20	VT3P	P250	112	176.7	19.9	0.7	29.9	1,109.2	1
Kruger	K-7215	VT3P	P500,V	115	174.2	21.3	1.0	27.9	1,087.4	2
AgriGold	A6553VT3	VT3	P500,V	113	172.4	21.8	1.0	29.9	1,074.1	5
Great Lakes	6530G3VT3 GC	VT3	P500,V	115	171.9	22.1	1.0	28.9	1,069.6	6
Channel	216-96VT3P	VT3P	P500,V	116	171.8	20.8	1.0	28.9	1,074.6	4
Dekalb	DKC64-69 GC	VT3P	P250	114	171.6	19.6	1.0	29.9	1,078.5	3
Lewis	1215VT3P	VT3P	P500,V	115	168.9	21.7	1.0	27.9	1,052.7	7
LG Seeds	LG2620VT3	VT3	P500,V	113	167.6	21.3	1.0	30.9	1,046.2	8
FS Seeds	FS 63BV1	VT2P	C250	113	165.9	19.9	2.0	27.9	1,041.4	9
AgriGold	A6533VT3	VT3	P500,V	113	164.6	22.0	1.0	30.9	1,024.6	11
Kruger	K-7514	VT3P	P500,V	114	163.4	20.0	1.0	29.9	1,025.3	10
Stine	9806VT3Pro*	VT3P	C250	114	162.0	24.2	1.0	32.9	999.5	15
G2 Genetics	5H-515^*	HX,RR2	C250	115	161.1	22.0	1.0	26.9	1,002.8	13
Dekalb	DKC63-84 GC	VT3	P250	113	160.8	19.0	1.0	29.9	1,013.0	12
Great Lakes	6455G3VT3 GC	VT3	P500,V	114	160.0	21.9	1.0	30.9	996.4	18
Lewis	1115VT2P	VT2P	P500,V	115	159.9	22.1	1.0	28.9	995.0	19
Channel	214-14VT3P	VT3P	P500,V	114	159.7	21.0	1.0	30.9	998.1	16
Pioneer	P1395HR GC	HX,RR2	C250	113	159.4	20.1	1.0	27.9	999.8	14
FS Seeds	FS 64JV3	VT3	C250	114	159.3	20.8	1.0	31.9	996.4	17
FS Seeds	FS 66S41	GT/CB/LL	C250	116	159.1	22.8	1.0	28.9	987.2	20
Kruger	K-7516	VT3P	P500,V	116	155.1	22.2	1.0	29.9	964.7	21
LG Seeds	LG2636VT3	VT3	P500,V	114	154.3	21.9	1.0	26.9	960.9	22
Garst	83Z99-3000GT GC	3000GT	C250	113	154.1	23.0	1.0	30.9	955.4	24
AgriGold	A6573VT3	VT3	P500,V	114	153.5	21.7	1.0	29.9	956.7	23
NuTech	5V-514*	3111	C250	114	151.5	22.1	1.0	31.9	942.7	25
Channel	213-32VT3	VT3	P500,V	113	151.5	22.6	1.0	29.9	940.8	26
Channel	216-63VT3	VT3	P500,V	116	150.4	21.3	1.0	29.9	938.9	27
FS Seeds	FS 65BV3	VT3	C250	115	149.3	21.5	1.0	27.9	931.3	28
G2 Genetics	5H-513^*	HX,RR2	C250	113	144.9	22.0	1.0	27.9	902.0	30
Kruger	K-7312	VT3P	P500,V	112	144.2	19.8	1.0	30.9	905.6	29
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	142.7	19.4	1.0	28.9	897.6	31
Test Average =					156.8	21.5	1.0	29.5	978.0	
LSD (0.10) =					13.0	1.1	0.4			
C.V. =					6.1	3.7				

  
 F.I.R.S.T. Manager

**TEST COMMENTS:** *Very cool and wet to start growing season then turned hot and dry in June and dry in July. This stress caused poor seed set on ear tips. The plants looked very healthy, some gray leaf spot seen. Baythroid was needed to control black cutworm. Wind damage was seen in the area but missed the plot was missed. Occasional root lodging observed.*

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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

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## 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	Gauche®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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