

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

Mike Barmann, Nodaway County, MO 64468 [MARYVILLE]

EARLY SEASON TEST
107 - 112 Day CRM

B1MONW33a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 3.4% OM
 PEST MANAGEMENT: Balance Flexx, Roundup, Headline, Warrior, Force
 FERTILITY - Applied N: 150 Fall,
 Applied N-P-K (units): 150-50-50

30" ROW SPACING

 SEEDED - RATE: May 2 31,500 /A
 HARVESTED - STAND: Sep 26 32,500 /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
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	186.4	17.5	32.0	33.9	1,181.3	2
LG Seeds	LG2555VT3	VT3	P500,V	110	186.0	16.8	69.7	32.9	1,182.0	1
LG Seeds	LG2602VT3	VT3	P500,V	112	184.4	17.9	46.3	32.9	1,166.8	4
Channel	212-17VT3P	VT3P	P500,V	112	184.0	16.5	24.7	32.9	1,170.7	3
AgriGold	A6458VT3	VT3	P500,V	110	179.1	16.7	33.7	32.9	1,138.6	5
FS Seeds	FS 60TV4	VT3P	C250	110	176.5	15.8	25.7	31.9	1,126.1	6
Stine	9732VT3Pro*	VT3P	C250	112	176.5	18.1	19.0	36.8	1,115.9	7
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	175.5	17.7	64.7	32.9	1,111.4	8
AgriGold	A6476VT3Pro	VT3P	P500,V	110	173.8	16.2	23.3	29.9	1,107.1	9
Stine	9729VT3Pro*	VT3P	C250	110	168.6	17.5	36.3	32.9	1,068.5	11
Channel	210-44VT2P	VT2P	P500,V	110	167.6	16.9	75.3	32.9	1,064.7	12
Kruger	K4-9710	STX	P500,V	110	166.9	17.1	16.3	32.9	1,059.4	13
Dekalb	DKC59-35 GC	VT3	P250	109	165.9	16.8	30.0	32.9	1,054.3	14
Channel	212-75VT3P	VT3P	P500,V	112	165.8	17.3	19.0	32.9	1,051.6	15
NuTech	5N-1004*	3000GT	C250	110	164.3	16.2	13.7	31.9	1,046.6	16
Pioneer	P0832AM1 GC	HXT,RR2	C250	108	163.6	17.1	55.3	32.9	1,038.5	17
Fielders Choice	NG6789	VT3	P250	113	162.7	17.7	81.7	33.9	1,030.3	19
Dekalb	DKC62-97 GC	VT3P	P250	112	162.3	16.1	13.7	33.9	1,034.3	18
Fielders Choice	NG6798	VT3P	P250	112	161.4	16.5	28.7	31.9	1,026.9	20
Taylor	1940	VT3	P250	112	160.7	17.0	27.0	30.9	1,020.4	21
Lewis	1209VT2P	VT2P	P500,V	109	158.1	15.7	34.7	30.9	1,009.1	22
Taylor	8820	VT2P	P250	112	157.0	16.2	23.3	33.9	1,000.1	24
Fielders Choice	NG6705	STX	P250	108	156.9	15.7	81.7	32.9	1,001.4	23
Channel	209-85VT3P	VT3P	P500,V	109	155.7	15.3	19.0	31.9	995.3	25
FS Seeds	FS 62MV4	VT3P	C250	112	155.4	16.9	30.0	32.9	987.2	27
Taylor	88A111*	VT2P	P250	111	154.8	15.9	19.0	32.9	987.2	26
Kruger	K-4207	VT2P	P500,V	107	154.4	15.4	12.7	32.9	986.6	28
FS Seeds	FS 61BX1	STX	C250	111	154.2	17.2	16.0	31.9	978.4	31
Kruger	K-7611	VT3P	P500,V	111	154.1	16.0	18.0	32.9	982.4	29
FS Seeds	FS 58MV4	VT3P	C250	108	153.8	16.5	20.3	32.9	978.6	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	169.4	17.5	43.0	32.9	1,073.6	10
Test Average =					159.9	16.7	34.0	32.5	1,016.6	
LSD (0.10) =					12.1	0.5	21.9			
C.V. =					5.6	2.1				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot location had 100 mph winds and large hail damage on Aug 18 which caused significant damage. Leaves were shredded and lodging, stalk and root, was prevalent. No pest problems were noted. Ears were well pollinated with kernels to the tip. Rainfall at this site was normal in July and above normal in August.

Lat: N40.52389, Long: W-94.90889

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

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Report Date: 9/26/2011

Revised:

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

Mike Barmann, Nodaway County, MO 64468 [MARYVILLE]

FULL SEASON TEST
113 - 116 Day CRM

B1MONW33b

PREV. CROP/HERB: Soybean / Roundup

SOIL DESCRIPTION: Zook silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: High P, high K, 6.5 pH, 3.4% OM

PEST MANAGEMENT: Balance Flexx, Roundup, Headline, Warrior, Force

30" ROW SPACING

FERTILITY - Applied N: 150 Fall,

Applied N-P-K (units): 150-50-50

SEEDED - RATE: May 2 31,500 /A

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

HARVESTED - STAND: Sep 26 32,800 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6533VT3	VT3	P500,V	113	202.1	18.5	47.3	32.9	1,275.8	1
Pioneer	P1395HR GC	HX,RR2	C250	113	189.3	18.6	9.7	32.9	1,194.5	2
Great Lakes	6530G3VT3 GC	VT3	P500,V	115	187.7	19.9	35.0	32.9	1,178.3	4
FS Seeds	FS 65BV3	VT3	C250	115	187.5	19.4	47.3	32.9	1,179.4	3
Lewis	1215VT3P	VT3P	P500,V	115	184.9	17.8	35.3	33.9	1,170.4	5
G2 Genetics	5H-513^*	HX,RR2	C250	113	184.4	18.7	25.7	32.9	1,163.1	6
Stine	9808VT3Pro*	VT3P	C250	116	183.8	23.6	16.3	31.9	1,136.8	9
LG Seeds	LG2620VT3	VT3	P500,V	113	183.0	18.5	39.0	31.9	1,155.2	7
AgriGold	A6553VT3	VT3	P500,V	113	181.2	19.1	44.7	33.9	1,141.1	8
G2 Genetics	5H-515^*	HX,RR2	C250	115	180.6	19.5	11.3	32.9	1,135.5	10
Kruger	K-7312	VT3P	P500,V	112	179.6	18.1	29.7	37.9	1,135.5	11
LG Seeds	LG2636VT3	VT3	P500,V	114	177.2	18.7	27.7	30.9	1,117.7	12
Great Lakes	6455G3VT3 GC	VT3	P500,V	114	176.8	20.6	70.3	31.9	1,106.8	15
FS Seeds	FS 64JV3	VT3	C250	114	176.0	17.9	63.0	33.9	1,113.6	13
Kruger	K-7514	VT3P	P500,V	114	175.3	17.2	27.0	30.9	1,112.3	14
G2 Genetics	5H-716^*	HX,RR2	C250	116	173.7	19.9	75.3	31.9	1,090.4	18
NuTech	5V-514*	3111	C250	114	173.6	17.3	33.0	32.9	1,101.1	16
Kruger	K-7215	VT3P	P500,V	115	172.6	18.9	16.7	32.9	1,087.8	20
Dekalb	DKC64-69 GC	VT3P	P250	114	172.1	17.9	88.0	35.8	1,089.0	19
Channel	214-14VT3P	VT3P	P500,V	114	171.9	17.0	33.7	32.9	1,091.6	17
Kruger	K-7516	VT3P	P500,V	116	170.6	17.2	18.7	31.9	1,082.5	21
Stine	9806VT3Pro*	VT3P	C250	114	170.4	19.6	13.7	31.9	1,071.0	23
Channel	213-32VT3	VT3	P500,V	113	168.6	16.5	41.7	33.9	1,072.7	22
AgriGold	A6573VT3	VT3	P500,V	114	165.1	19.4	64.7	31.9	1,038.5	26
NuTech	5N-813*	3000GT	C250	113	164.6	17.8	33.7	29.9	1,041.9	25
FS Seeds	FS 66S41	GT/CB/LL	C250	116	163.2	21.1	100.0	32.9	1,019.6	29
Dyna-Gro	D52VP20	VT3P	P250	112	162.7	18.3	42.0	32.9	1,027.9	27
Channel	216-63VT3	VT3	P500,V	116	161.1	17.1	24.7	34.9	1,022.6	28
Dyna-Gro	CX11113*	VT3P	P250	113	159.8	16.5	19.0	31.9	1,016.7	30
Dekalb	DKC63-84 GC	VT3	P250	113	158.7	16.8	16.7	31.9	1,008.5	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	165.0	17.9	45.3	32.9	1,044.0	24
Test Average =					170.8	18.6	40.3	32.8	1,077.5	
LSD (0.10) =					17.2	0.7	27.0			
C.V. =					7.4	2.8				


 F.I.R.S.T. Manager

TEST COMMENTS: This plot location had 100 mph winds and large hail damage on Aug 18 which caused significant damage. Leaves were shredded and lodging, stalk and root, was prevalent. No pest problems were noted. Ears were well pollinated with kernels to the tip. Rainfall at this site was normal in July and above normal in August.

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^{††} 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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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	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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