

2011 BETTER HYBRIDS Harvest Report for Missouri North West [MONW]
 Steve Lorimor, Fremont County, IA 51639 [FARRAGUT]

EARLY SEASON TEST
107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Envive, Roundup B1MONW34a

SOIL DESCRIPTION: Kennebec silt loam, moderately drained, no-till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.2% OM

PEST MANAGEMENT: Corvus, Roundup, Headline, Force 30" ROW SPACING

FERTILITY - Applied N: 150 Spring,

Applied N-P-K (units): 150-0-0

SEEDED - RATE: Apr 28 31,500 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 28 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
FS Seeds	FS 60TV4	VT3P	C250	110	206.1	19.0	100.0	32.6	1,298.4	1
Lewis	1209VT2P	VT2P	P500,V	109	205.2	19.1	65.7	33.5	1,292.2	2
Taylor	8820	VT2P	P250	112	200.2	20.6	83.0	32.6	1,253.3	4
Dekalb	DKC62-97 GC	VT3P	P250	112	200.1	20.2	76.7	33.5	1,254.6	3
Channel	212-17VT3P	VT3P	P500,V	112	196.3	20.1	88.0	33.5	1,231.3	5
Dyna-Gro	57V40	VT3	P250	110	196.0	21.3	83.0	34.4	1,223.5	8
Kruger	K-7611	VT3P	P500,V	111	195.7	20.3	83.0	33.5	1,226.5	6
LG Seeds	LG2555VT3	VT3	P500,V	110	195.6	21.7	100.0	31.6	1,219.1	10
Fielders Choice	NG6798	VT3P	P250	112	195.4	20.2	93.7	32.6	1,225.2	7
Channel	209-85VT3P	VT3P	P500,V	109	195.4	20.9	93.7	33.5	1,221.7	9
Taylor	88C112*	VT2P	P250	110	192.8	20.3	88.0	33.5	1,208.4	11
FS Seeds	FS 61BX1	STX	C250	111	191.4	19.8	88.0	34.4	1,202.0	12
G2 Genetics	5H-511^*	HX,RR2	C250	111	185.6	20.5	66.0	31.6	1,162.3	13
Stine	9731VT3Pro*	VT3P	C250	110	184.7	20.4	71.0	31.6	1,157.1	15
Kruger	K4-9710	STX	P500,V	110	184.6	20.3	58.0	33.5	1,157.0	16
Stine	9729VT3Pro*	VT3P	C250	110	184.6	22.8	93.7	33.5	1,145.4	19
AgriGold	A6473STX	STX	P500,V	109	184.3	19.8	81.0	32.6	1,157.4	14
Garst	85E98-3000GT GC	3000GT	C250	109	183.9	19.8	93.7	32.6	1,154.9	17
Kruger	K-7211	VT3P	P500,V	111	183.1	19.4	100.0	33.5	1,151.7	18
FS Seeds	FS 58MV4	VT3P	C250	108	182.1	19.5	60.0	33.5	1,145.0	20
Taylor	88A111*	VT2P	P250	111	181.8	21.0	93.7	31.6	1,136.3	21
Fielders Choice	NG6789	VT3	P250	113	180.7	22.2	100.0	34.4	1,124.0	23
Lewis	1110VT2P	VT2P	P500,V	110	180.5	19.4	53.7	32.6	1,135.3	22
AgriGold	A6458VT3	VT3	P500,V	110	178.6	21.6	100.0	35.3	1,113.6	25
Dekalb	DKC59-35 GC	VT3	P250	109	178.2	19.2	53.7	31.6	1,121.8	24
G2 Genetics	5X-812^*	HXT,RR2	C250	112	178.2	21.2	93.7	35.3	1,112.9	26
Kruger	K-4207	VT2P	P500,V	107	175.6	18.7	93.7	32.6	1,107.6	27
Channel	212-75VT3P	VT3P	P500,V	112	175.5	21.1	76.0	33.5	1,096.4	28
Channel	210-44VT2P	VT2P	P500,V	110	174.4	19.9	100.0	32.6	1,094.8	29
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	172.7	20.5	100.0	32.6	1,081.5	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	163.5	21.0	75.0	32.6	1,021.9	40
Test Average =					181.3	20.4	86.2	32.8	1,136.1	
LSD (0.10) =					18.6	1.2	23.8			
C.V. =					7.5	4.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *This plot was hit by strong winds and hail in August. All products were severely lodged with the row making a difficult harvest a little easier. Any upright stalks were getting weak. Some ear rot was observed on downed corn plants. No major pests or diseases were seen. Neighboring fields had very low yields from weather damage.*

Lat: N40.81639, Long: W-95.56444

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

2011 BETTER HYBRIDS Harvest Report for Missouri North West [MONW]
 Steve Lorimor, Fremont County, IA 51639 [FARRAGUT]

FULL SEASON TEST
113 - 116 Day CRM

B1MONW34b

 PREV. CROP/HERB: Soybean / Envive, Roundup
 SOIL DESCRIPTION: Kennebec silt loam, moderately drained, no-till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.2% OM
 PEST MANAGEMENT: Corvus, Roundup, Headline, Force
 FERTILITY - Applied N: 150 Spring,
 Applied N-P-K (units): 150-0-0


30" ROW SPACING

 SEEDED - RATE: Apr 28 31,500 /A
 HARVESTED - STAND: Sep 28 32,300 /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
Dyna-Gro	CX11113*	VT3P	P250	113	208.9	21.2	16.0	30.7	1,304.6	1
Channel	214-14VT3P	VT3P	P500,V	114	207.2	21.5	63.0	33.5	1,292.4	2
Lewis	1215VT3P	VT3P	P500,V	115	192.8	22.7	81.7	31.6	1,196.8	3
Kruger	K-7516	VT3P	P500,V	116	191.1	20.7	75.0	29.8	1,195.8	4
Dyna-Gro	D52VP20	VT3P	P250	112	189.8	21.9	83.0	32.6	1,182.0	5
Kruger	K-7215	VT3P	P500,V	115	188.9	22.8	38.7	32.6	1,172.1	6
LG Seeds	LG2620VT3	VT3	P500,V	113	186.8	23.8	100.0	33.5	1,154.4	8
Kruger	K-7312	VT3P	P500,V	112	186.0	19.9	81.0	30.7	1,167.6	7
Stine	9806VT3Pro*	VT3P	C250	114	183.9	27.7	38.7	31.6	1,118.6	11
AgriGold	A6573VT3	VT3	P500,V	114	183.7	24.9	76.7	32.5	1,130.2	10
Channel	216-63VT3	VT3	P500,V	116	183.1	22.8	100.0	34.4	1,136.1	9
Dekalb	DKC63-84 GC	VT3	P250	113	179.7	22.3	100.0	31.6	1,117.3	12
FS Seeds	FS 63BV1	VT2P	C250	113	177.1	21.0	93.7	29.8	1,106.9	13
Kruger	K-7514	VT3P	P500,V	114	176.5	20.4	81.7	31.6	1,105.8	14
AgriGold	A6533VT3	VT3	P500,V	113	176.5	23.7	100.0	32.6	1,091.2	15
Great Lakes	6530G3VT3 GC	VT3	P500,V	115	176.1	24.0	88.0	32.6	1,087.4	18
Channel	216-96VT3P	VT3P	P500,V	116	175.9	23.3	100.0	29.8	1,089.3	17
FS Seeds	FS 65BV3	VT3	C250	115	175.5	25.9	100.0	30.7	1,075.4	21
AgriGold	A6553VT3	VT3	P500,V	113	174.6	24.2	100.0	32.6	1,077.3	20
Dekalb	DKC64-69 GC	VT3P	P250	114	173.9	21.4	100.0	32.6	1,085.1	19
G2 Genetics	5H-513*	HX,RR2	C250	113	172.1	21.6	57.7	31.6	1,073.0	22
Great Lakes	6455G3VT3 GC	VT3	P500,V	114	172.0	24.6	100.0	33.5	1,059.5	24
Garst	83Z99-3000GT GC	3000GT	C250	113	172.0	26.3	100.0	32.6	1,052.2	28
Lewis	1115VT2P	VT2P	P500,V	115	171.8	23.9	83.0	30.7	1,061.3	23
G2 Genetics	5H-515*	HX,RR2	C250	115	170.7	23.4	88.0	31.6	1,056.6	25
LG Seeds	LG2636VT3	VT3	P500,V	114	169.6	23.9	88.0	29.8	1,047.7	29
NuTech	5V-514*	3111	C250	114	169.4	21.9	76.7	32.5	1,054.9	27
Channel	213-32VT3	VT3	P500,V	113	169.1	21.3	93.7	33.5	1,055.6	26
FS Seeds	FS 64JV3	VT3	C250	114	162.8	21.1	100.0	34.4	1,017.1	30
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	161.7	22.4	100.0	32.6	1,005.0	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	175.3	22.3	62.3	39.0	1,089.9	16
Test Average =					176.8	23.3	82.6	32.3	1,095.0	
LSD (0.10) =					17.9	1.9	25.8			
C.V. =					7.4	6.0				


 F.I.R.S.T. Manager

TEST COMMENTS: *This plot was hit by strong winds and hail in August. All products were severely lodged with the row making a difficult harvest a little easier. Any upright stalks were getting weak. Some ear rot was observed on downed corn plants. No major pests or diseases were seen. Neighboring fields had very low yields from weather damage.*
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 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 9/29/2011

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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