

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

Erik Sheil, Ringgold County, IA 50854 [MT. AYR]

EARLY SEASON TEST
107 - 112 Day CRM

B1MONW35a

 PREV. CROP/HERB: Soybean / Roundup, Classic
 SOIL DESCRIPTION: Arispe silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6 pH, 3.2% OM
 PEST MANAGEMENT: Flexstar, Touchdown, Atrazine, Force
 FERTILITY - Applied N: 140 Spring,
 Applied N-P-K (units): 140-78-90

30" ROW SPACING

 SEEDED - RATE: May 2 31,500 /A
 HARVESTED - STAND: Oct 9 29,900 /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
Channel	212-17VT3P	VT3P	P500,V	112	159.9	16.3	1.0	30.7	1,018.2	1
AgriGold	A6476VT3Pro	VT3P	P500,V	110	157.9	15.2	1.0	28.8	1,009.8	2
Dekalb	DKC62-97 GC	VT3P	P250	112	157.7	15.5	1.0	31.6	1,007.3	3
Fielders Choice	NG6789	VT3	P250	113	156.1	16.6	1.0	30.7	992.8	4
LG Seeds	LG2555VT3	VT3	P500,V	110	149.8	16.1	1.0	29.8	954.6	6
AgriGold	A6458VT3	VT3	P500,V	110	149.6	15.3	1.0	30.7	956.3	5
G2 Genetics	5F-1201^	HXT,RR2	P1250,V	112	149.3	16.3	1.0	30.7	950.7	7
Taylor	88A111*	VT2P	P250	111	148.0	15.2	1.0	30.7	946.5	8
LG Seeds	LG2602VT3	VT3	P500,V	112	145.5	17.6	1.0	29.8	921.7	9
Dekalb	DKC59-35 GC	VT3	P250	109	143.8	15.1	1.0	28.8	920.0	10
AgriGold	A6473STX	STX	P500,V	109	142.9	15.7	1.0	29.8	912.1	11
Kruger	K-7211	VT3P	P500,V	111	142.5	15.5	1.0	30.7	910.2	12
FS Seeds	FS 62MV4	VT3P	C250	112	141.9	16.1	1.0	30.7	904.3	14
Kruger	K4-9710	STX	P500,V	110	141.7	15.7	1.0	28.8	904.4	13
Lewis	1209VT2P	VT2P	P500,V	109	140.8	15.7	1.0	31.6	898.7	15
Dyna-Gro	57V40	VT3	P250	110	138.9	15.9	1.0	29.8	885.8	16
Kruger	K-7611	VT3P	P500,V	111	138.2	15.6	2.0	29.8	882.4	17
FS Seeds	FS 61BX1	STX	C250	111	138.0	15.5	1.0	28.8	881.5	18
Lewis	1110VT2P	VT2P	P500,V	110	137.5	15.0	1.0	29.8	880.0	19
G2 Genetics	5X-812^*	HXT,RR2	C250	112	136.6	16.3	1.0	30.7	869.8	21
Garst	85E98-3000GT GC	3000GT	C250	109	136.4	14.8	1.0	29.8	873.0	20
Taylor	1940	VT3	P250	112	135.5	16.2	1.0	27.9	863.1	22
Channel	212-75VT3P	VT3P	P500,V	112	133.5	15.7	1.0	29.8	852.1	25
Taylor	88C112*	VT2P	P250	110	133.4	15.4	1.0	29.8	852.4	24
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	133.1	16.3	1.0	29.8	847.5	26
Channel	210-44VT2P	VT2P	P500,V	110	131.7	16.1	1.0	28.8	839.3	27
Fielders Choice	NG6710	VT3P	P250	108	130.5	14.1	1.0	27.9	835.2	28
Taylor	8820	VT2P	P250	112	130.0	15.8	1.0	31.6	829.4	29
Fielders Choice	NG6798	VT3P	P250	112	129.7	16.3	2.0	30.7	825.9	30
Stine	9729VT3Pro*	VT3P	C250	110	129.4	16.0	1.0	29.8	824.9	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	134.7	16.1	1.0	30.7	858.4	23
Test Average =					136.1	15.7	1.0	29.9	868.3	
LSD (0.10) =					17.2	0.8	0.5			
C.V. =					9.3	3.7				

TEST COMMENTS: *This test plot looked very good from the road but the combine told a different story. The hot dry weather during pollination and grain fill effected yields. Plants were tall with very short ears showing tip-back and small kernels. No diseases or pest problems were observed here.*

Lat: N40.81889, Long: W-94.27778

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 q 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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Revised:

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

Erik Sheil, Ringgold County, IA 50854 [MT. AYR]

FULL SEASON TEST
113 - 116 Day CRM

B1MONW35b

PREV. CROP/HERB: Soybean / Roundup, Classic

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

SOIL CONDITIONS: Moderate P, moderate K, 6 pH, 3.2% OM

PEST MANAGEMENT: Flexstar, Touchdown, Atrazine, Force

30" ROW SPACING

FERTILITY - Applied N: 140 Spring,

Applied N-P-K (units): 140-78-90

SEEDED - RATE: May 2 31,500 /A

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

HARVESTED - STAND: Oct 9 29,900 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Great Lakes	6530G3VT3 GC	VT3	P500,V	115	164.7	17.0	2.0	30.7	1,045.8	1
AgriGold	A6573VT3	VT3	P500,V	114	160.3	16.5	1.0	29.8	1,019.9	2
AgriGold	A6533VT3	VT3	P500,V	113	156.3	17.8	1.0	29.8	989.4	5
LG Seeds	LG2620VT3	VT3	P500,V	113	156.1	17.4	1.0	29.8	989.7	4
FS Seeds	FS 64JV3	VT3	C250	114	155.9	16.6	1.0	30.7	991.5	3
Stine	9808VT3Pro*	VT3P	C250	116	152.8	22.1	1.0	29.8	950.8	7
Lewis	1215VT3P	VT3P	P500,V	115	151.8	18.3	1.0	29.8	959.0	6
Garst	83Z99-3000GT GC	3000GT	C250	113	149.4	20.1	1.0	30.7	937.1	13
Kruger	K-7514	VT3P	P500,V	114	149.3	16.8	1.0	29.8	948.8	8
FS Seeds	FS 63BV1	VT2P	C250	113	148.9	16.3	1.0	31.6	948.1	9
Dekalb	DKC64-69 GC	VT3P	P250	114	148.6	16.8	1.0	27.9	944.4	10
Channel	216-96VT3P	VT3P	P500,V	116	148.5	17.2	1.0	27.9	942.2	11
AgriGold	A6553VT3	VT3	P500,V	113	148.3	18.5	2.0	30.7	936.1	14
Lewis	1115VT2P	VT2P	P500,V	115	148.2	17.2	1.0	27.9	940.3	12
FS Seeds	FS 65BV3	VT3	C250	115	146.5	18.2	1.0	30.7	925.9	16
Dyna-Gro	CX11113*	VT3P	P250	113	145.4	18.2	1.0	28.8	918.9	18
Kruger	K-7312	VT3P	P500,V	112	145.1	14.8	1.0	32.6	928.6	15
Dyna-Gro	D52VP20	VT3P	P250	112	145.1	16.0	1.0	31.6	925.0	17
Channel	213-32VT3	VT3	P500,V	113	143.5	17.6	1.0	30.7	909.1	19
Kruger	K-7215	VT3P	P500,V	115	140.7	17.9	1.0	27.0	890.3	21
Channel	214-14VT3P	VT3P	P500,V	114	140.5	17.2	1.0	30.7	891.5	20
Great Lakes	6455G3VT3 GC	VT3	P500,V	114	138.4	16.5	3.0	28.8	880.6	22
LG Seeds	LG2636VT3	VT3	P500,V	114	138.4	16.9	1.0	29.8	879.2	23
FS Seeds	FS 66S41	GT/CB/LL	C250	116	138.3	20.6	1.0	29.8	865.8	25
Stine	9806VT3Pro*	VT3P	C250	114	137.7	19.5	2.0	31.6	865.8	26
G2 Genetics	5H-515^*	HX,RR2	C250	115	137.6	17.5	1.0	30.7	872.0	24
Kruger	K-7516	VT3P	P500,V	116	136.6	17.9	1.0	27.9	864.3	27
Pioneer	P1395HR GC	HX,RR2	C250	113	131.6	15.9	1.0	29.8	839.3	28
NuTech	5N-813*	3000GT	C250	113	128.6	17.9	1.0	27.9	813.7	29
NuTech	5V-514*	3111	C250	114	127.9	17.1	1.0	31.6	811.8	30
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	115.1	16.3	1.0	32.6	732.9	36
Test Average =					141.3	17.6	1.2	29.9	895.5	
LSD (0.10) =					17.6	1.8	0.8			
C.V. =					9.1	7.5				

F.I.R.S.T. Manager

TEST COMMENTS: *This test plot looked very good from the road but the combine told a different story. The hot dry weather during pollination and grain fill effected yields. Plants were tall with very short ears showing tip-back and small kernels. No diseases or pest problems were observed here.*

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

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