

2011 BETTER HYBRIDS Harvest Report for Missouri North West [MONW]
 Don Meservey, Grundy County, MO 64683 [TRENTON]

EARLY SEASON TEST
107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Ignite B1MONW32a

SOIL DESCRIPTION: Grundy silt loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3% OM

PEST MANAGEMENT: Watchman, 2,4-D LV, Atrazine, Roundup PowerMax, Kendo, Force 30" ROW SPACING


FERTILITY - Applied N: 159 Spring,

Applied N-P-K (units): 159-45-64

SEEDED - RATE: May 4 29,900 /A TOP 30 OF 42 FOR GROSS INCOME (SORTED BY YIELD)

HARVESTED - STAND: Sep 30 29,300 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9732VT3Pro*	VT3P	C250	112	164.6	18.6	1.0	30.7	1,038.6	1
Channel	212-75VT3P	VT3P	P500,V	112	154.8	18.2	3.0	27.9	978.3	2
Stine	9729VT3Pro*	VT3P	C250	110	152.6	18.1	1.0	29.8	964.8	3
Kruger	K-7611	VT3P	P500,V	111	148.2	18.3	1.0	30.7	936.3	4
Dekalb	DKC62-97 GC	VT3P	P250	112	146.2	16.4	1.0	29.8	930.6	5
Garst	85E98-3000GT GC	3000GT	C250	109	145.4	17.2	1.0	27.9	922.6	7
Kruger	K4-9710	STX	P500,V	110	145.3	17.0	1.0	27.9	922.7	6
Lewis	1110VT2P	VT2P	P500,V	110	142.6	16.2	1.0	27.9	908.4	8
Fielders Choice	NG6789	VT3	P250	113	141.4	16.7	1.0	29.8	899.0	9
G2 Genetics	5X-812^*	HXT,RR2	C250	112	139.8	18.6	2.0	29.8	882.1	11
FS Seeds	FS 62MV4	VT3P	C250	112	139.2	18.6	1.0	29.8	878.4	12
Taylor	88A111*	VT2P	P250	111	137.5	18.1	6.0	29.8	869.3	14
Lewis	1209VT2P	VT2P	P500,V	109	136.8	16.6	3.7	29.8	870.0	13
Taylor	8820	VT2P	P250	112	134.0	18.5	1.0	28.8	845.9	15
Dyna-Gro	57V40	VT3	P250	110	133.6	18.0	6.0	28.8	845.0	16
LG Seeds	LG2555VT3	VT3	P500,V	110	131.5	16.6	1.0	28.8	836.3	17
Channel	209-85VT3P	VT3P	P500,V	109	131.4	16.6	1.0	29.8	835.7	18
LG Seeds	LG2602VT3	VT3	P500,V	112	131.2	18.5	1.0	28.8	828.2	19
Dekalb	DKC59-35 GC	VT3	P250	109	129.1	16.5	1.0	31.6	821.4	20
Fielders Choice	NG6710	VT3P	P250	108	125.7	16.2	1.0	29.8	800.7	21
G2 Genetics	5H-511^*	HX,RR2	C250	111	125.5	18.1	4.7	27.0	793.5	23
Kruger	K-4207	VT2P	P500,V	107	124.9	15.2	1.0	27.9	798.7	22
Stine	9731VT3Pro*	VT3P	C250	110	123.5	17.7	1.0	28.8	782.1	24
Taylor	1940	VT3	P250	112	122.7	17.1	3.7	30.7	778.8	25
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	122.4	16.7	3.7	27.9	778.2	26
AgriGold	A6458VT3	VT3	P500,V	110	121.9	17.9	1.0	28.8	771.3	28
Fielders Choice	NG6798	VT3P	P250	112	121.7	16.4	2.0	29.8	774.6	27
FS Seeds	FS 58MV4	VT3P	C250	108	119.3	16.4	7.0	27.9	759.3	29
Kruger	K-7211	VT3P	P500,V	111	119.0	17.2	1.0	30.7	755.1	30
Channel	212-17VT3P	VT3P	P500,V	112	118.0	16.7	2.0	30.7	750.2	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	139.1	16.8	1.0	30.7	884.0	10
Test Average =					126.3	17.1	2.1	29.3	801.4	
LSD (0.10) =					19.5	0.9	4.2			
C.V. =					11.3	4.0				


 F.I.R.S.T. Manager

TEST COMMENTS: Early season wet and cool weather shifted to hot and very dry mid-late season. These stressful conditions impacted this site in a big way. Tall plants had short small diameter ears with very small seeds. Stalks were beginning to show signs of weakness. No major pest problems or diseases were seen. Yields in neighboring fields were less than those in the plot. Lat: N40.27278, Long: W-93.78889

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]
 Don Meservey, Grundy County, MO 64683 [TRENTON]

FULL SEASON TEST
113 - 116 Day CRM

B1MONW32b

 PREV. CROP/HERB: Soybean / Ignite
 SOIL DESCRIPTION: Grundy silt loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3% OM
 PEST MANAGEMENT: Watchman, 2,4-D LV, Atrazine, Roundup PowerMax, Kendo, Force
 FERTILITY - Applied N: 159 Spring,
 Applied N-P-K (units): 159-45-64

30" ROW SPACING

 SEEDED - RATE: May 4 29,900 /A
 HARVESTED - STAND: Sep 30 29,400 /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
AgriGold	A6533VT3	VT3	P500,V	113	170.6	18.1	2.0	29.8	1,078.6	1
NuTech	5N-813*	3000GT	C250	113	168.8	19.4	1.0	29.8	1,061.8	2
Pioneer	P1395HR GC	HX,RR2	C250	113	167.2	18.0	1.0	29.8	1,057.5	3
AgriGold	A6573VT3	VT3	P500,V	114	167.2	18.3	1.0	27.9	1,056.3	4
LG Seeds	LG2620VT3	VT3	P500,V	113	164.8	18.4	1.0	28.8	1,040.7	5
Kruger	K-7312	VT3P	P500,V	112	160.9	17.4	1.0	30.7	1,020.1	6
LG Seeds	LG2636VT3	VT3	P500,V	114	160.3	16.9	1.0	30.7	1,018.3	7
G2 Genetics	5H-515^*	HX,RR2	C250	115	159.1	19.0	3.0	27.9	1,002.3	8
Dekalb	DKC63-84 GC	VT3	P250	113	157.3	16.6	1.0	28.8	1,000.4	9
Dekalb	DKC64-69 GC	VT3P	P250	114	155.5	17.6	4.7	28.8	985.1	10
Kruger	K-7215	VT3P	P500,V	115	154.7	18.8	2.0	27.0	975.4	11
FS Seeds	FS 64JV3	VT3	C250	114	152.2	17.9	3.0	31.6	963.0	12
Garst	83Z99-3000GT GC	3000GT	C250	113	151.8	20.3	9.7	28.8	951.4	15
FS Seeds	FS 65BV3	VT3	C250	115	151.7	19.2	2.0	28.8	955.0	14
AgriGold	A6553VT3	VT3	P500,V	113	151.5	18.3	1.0	28.8	957.1	13
Dyna-Gro	CX11113*	VT3P	P250	113	148.8	16.9	1.0	29.8	945.3	16
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	148.4	19.0	1.0	29.8	934.9	17
Kruger	K-7514	VT3P	P500,V	114	146.1	16.7	4.7	28.8	928.8	18
Lewis	1215VT3P	VT3P	P500,V	115	145.8	19.2	1.0	30.7	917.8	20
Great Lakes	6455G3VT3 GC	VT3	P500,V	114	145.7	19.2	3.7	29.8	917.2	21
Channel	214-14VT3P	VT3P	P500,V	114	145.5	16.8	1.0	28.8	924.7	19
Kruger	K-7516	VT3P	P500,V	116	145.0	18.1	3.7	28.8	916.8	22
G2 Genetics	5H-513^*	HX,RR2	C250	113	144.7	19.4	1.0	27.9	910.2	23
Channel	213-32VT3	VT3	P500,V	113	142.5	18.6	1.0	27.0	899.2	26
Dyna-Gro	D52VP20	VT3P	P250	112	142.4	17.1	3.0	31.6	903.9	25
Channel	216-63VT3	VT3	P500,V	116	141.8	18.6	3.7	30.7	894.8	27
NuTech	5V-514*	3111	C250	114	141.8	18.8	1.0	28.8	894.0	28
Stine	9806VT3Pro*	VT3P	C250	114	137.8	20.7	2.0	29.8	862.3	29
FS Seeds	FS 66S41	GT/CB/LL	C250	116	136.7	20.7	8.7	28.8	855.4	30
Channel	216-96VT3P	VT3P	P500,V	116	131.3	16.8	7.0	28.8	834.4	31
Pioneer	P1292AM1 CK	HXT,RR2	C250	112	142.3	16.8	1.0	32.6	904.3	24
Test Average =					145.8	18.4	2.5	29.4	921.1	
LSD (0.10) =					17.8	1.4	4.0			
C.V. =					9.0	5.5				

F.I.R.S.T. Manager

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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

 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: 10/1/2011

Revised:



Footnotes, Abbreviations, and Trademarks

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^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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