

2011 BETTER HYBRIDS Harvest Report for Missouri North East [MONE]
 Luke Mahsman, Palmyra FFA, Marion County, MO 63461 [PALMYRA]

EARLY SEASON TEST
107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B1MONE24a
 SOIL DESCRIPTION: Putnam silt loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, moderate K, 6.7 pH, 2.3% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto, Atrazine 30" ROW SPACING
 FERTILITY - Applied N: 240 Spring,
 Applied N-P-K (units): 240-100-100
 SEEDED - RATE: May 9 32,400 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 28 30,900 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Stine	9732VT3Pro*	VT3P	C250	112	196.9	18.8	7.3	28.8	1,355.9	1
Stine	9729VT3Pro*	VT3P	C250	110	193.4	18.1	11.7	32.6	1,335.8	2
Pfister	2674HXTR	HXT,RR2	C250,AV	111	192.0	17.5	25.7	32.6	1,329.6	3
Pfister	2574HXTR	HXT,RR2	C250,AV	110	190.6	17.7	30.0	30.7	1,318.8	4
AgriGold	A6458VT3	VT3	P500,V	110	189.9	18.2	12.0	30.7	1,311.1	5
Channel	209-85VT3P	VT3P	P500,V	109	186.5	17.4	11.7	29.8	1,292.1	6
FS Seeds	FS 60TV4	VT3P	C250	110	184.6	18.2	38.0	31.6	1,274.5	8
NuTech	5B-1003*	GT/CB/LL	C250	110	184.3	17.5	29.7	30.7	1,276.3	7
LG Seeds	LG2602VT3	VT3	P500,V	112	183.5	18.8	49.7	32.6	1,263.6	10
LG Seeds	LG2549VT3	VT3	P500,V	109	183.2	17.9	7.3	29.8	1,266.5	9
AgriGold	A6476VT3Pro	VT3P	P500,V	110	180.3	17.9	38.0	32.6	1,246.4	11
Stine	9731VT3Pro*	VT3P	C250	110	178.4	18.2	12.7	30.7	1,231.7	13
Lewis	1110VT2P	VT2P	P500,V	110	178.2	17.4	18.7	30.7	1,234.6	12
Kruger	K4-9710	STX	P500,V	110	176.5	18.1	21.7	28.8	1,219.1	15
NuTech	5N-1004*	3000GT	C250	110	176.4	17.2	9.0	30.7	1,223.2	14
Kruger	K-7611	VT3P	P500,V	111	176.0	17.5	18.7	31.6	1,218.8	16
Channel	212-17VT3P	VT3P	P500,V	112	175.6	17.7	20.3	33.5	1,215.0	17
Lewis	1209VT2P	VT2P	P500,V	109	175.2	17.5	18.0	34.4	1,213.3	18
Kruger	K-7211	VT3P	P500,V	111	175.2	17.5	44.7	31.6	1,213.3	19
NK Brand	N72Q-3111 GC	3111	C250	112	174.2	18.8	25.7	29.8	1,199.5	21
NK Brand	N68B-3111 GC	3111	C250	111	174.1	18.2	4.7	30.7	1,202.0	20
AgriGold	A6473STX	STX	P500,V	109	172.7	18.0	9.7	30.7	1,193.4	22
Channel	212-75VT3P	VT3P	P500,V	112	172.4	18.0	9.7	29.8	1,191.3	23
FS Seeds	FS 62MV4	VT3P	C250	112	172.0	17.7	23.3	32.6	1,190.1	24
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	171.7	17.9	3.0	29.8	1,187.0	25
G2 Genetics	5X-812^*	HXT,RR2	C250	112	171.4	18.9	25.7	31.6	1,179.7	27
Pioneer	P0916XR*	HXT,RR2	C250	109	170.8	17.6	14.3	27.9	1,182.3	26
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	168.2	17.8	22.7	31.6	1,163.3	29
FS Seeds	FS 58MV4	VT3P	C250	108	168.1	17.2	5.7	28.8	1,165.6	28
Pfister	2570SS	STX	C250,AV	110	167.8	18.5	7.3	30.7	1,157.0	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	162.2	18.4	19.7	32.6	1,118.9	34
Test Average =					176.1	18.0	18.9	30.9	1,216.8	
LSD (0.10) =					11.0	0.8	14.8			
C.V. =					4.6	3.1				

TEST COMMENTS: This location received some heavy winds near pollination, causing slight amounts of green snap in some hybrids.

Ears were extremely long but not very girthy (12-14 rows). Plants were very tall as well. There were only small traces of diseases present at the time of harvest. Overall a nice uniform location.

Lat: N39.78669, Long: W-91.52088

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$7.00

[†] 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 East [MONE]
 Luke Mahsman, Palmyra FFA, Marion County, MO 63461 [PALMYRA]

FULL SEASON TEST
113 - 116 Day CRM

B1MONE24b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Putnam silt loam, well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.7 pH, 2.3% OM
 PEST MANAGEMENT: Force, Steadfast, Callisto, Atrazine
 FERTILITY - Applied N: 240 Spring,
 Applied N-P-K (units): 240-100-100

30" ROW SPACING

SEEDED - RATE: May 9 32,400 /A
 HARVESTED - STAND: Sep 28 30,300 /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
Stine	9808VT3Pro*	VT3P	C250	116	186.8	21.0	5.7	29.8	1,274.0	2
LG Seeds	LG2636VT3	VT3	P500,V	114	184.9	18.5	12.7	26.0	1,274.9	1
Lewis	1215VT3P	VT3P	P500,V	115	183.5	18.1	4.7	31.6	1,267.4	3
Fielders Choice	NG6882	RR2	P250	116	183.4	18.2	12.0	28.8	1,266.2	4
Kruger	K-7215	VT3P	P500,V	115	182.9	18.0	5.7	31.6	1,263.8	5
Channel	214-14VT3P	VT3P	P500,V	114	181.8	17.8	7.3	29.8	1,257.3	6
Kruger	K-7514	VT3P	P500,V	114	178.8	18.3	7.3	31.6	1,233.9	7
AgriGold	A6573VT3	VT3	P500,V	114	178.3	18.5	22.0	32.5	1,229.4	8
Stine	9806VT3Pro*	VT3P	C250	114	176.4	19.8	7.0	27.9	1,209.4	11
NK Brand	N78S-3111 GC	3111	C250	116	176.2	19.1	12.0	29.8	1,211.7	10
LG Seeds	LG2620VT3	VT3	P500,V	113	175.4	17.7	9.0	31.6	1,213.6	9
Channel	216-96VT3P	VT3P	P500,V	116	173.6	18.0	9.7	31.6	1,199.6	12
AgriGold	A6553VT3	VT3	P500,V	113	173.4	19.0	9.7	31.6	1,193.0	14
FS Seeds	FS 65BV3	VT3	C250	115	173.2	19.0	19.0	30.7	1,191.6	16
Fielders Choice	NG6798	VT3P	P250	112	172.8	18.1	3.0	31.6	1,193.5	13
Lewis	1115VT2P	VT2P	P500,V	115	172.8	18.4	5.7	28.8	1,192.0	15
AgriGold	A6533VT3	VT3	P500,V	113	171.9	18.5	30.0	33.5	1,185.3	17
Channel	216-63VT3	VT3	P500,V	116	170.6	18.3	12.0	29.8	1,177.3	19
Kruger	K-7312	VT3P	P500,V	112	170.3	17.0	9.7	31.6	1,181.9	18
G2 Genetics	5H-513*	HX,RR2	C250	113	169.9	19.2	11.3	31.6	1,167.9	21
FS Seeds	FS 63BV1	VT2P	C250	113	169.0	18.3	15.0	27.9	1,166.3	22
FS Seeds	FS 64JV3	VT3	C250	114	168.8	17.3	30.0	29.8	1,170.0	20
Dyna-Gro	D52Q90 GC	3000GT	P500	112	168.4	17.6	11.0	31.6	1,165.7	23
Pioneer	P1395HR	HX,RR2	C250	113	167.7	18.3	7.3	27.9	1,157.3	25
Fielders Choice	NG6788	VT3	P250	111	167.6	17.5	13.7	32.6	1,160.6	24
NK Brand	N74R-3000GT GC	3000GT	C250	113	167.5	19.7	3.0	31.6	1,148.9	26
FS Seeds	FS 66S41	GT/CB/LL	C250	116	165.8	19.1	54.0	32.6	1,140.2	27
Kruger	K-7516	VT3P	P500,V	116	162.9	18.0	19.7	28.8	1,125.6	28
G2 Genetics	5H-515*	HX,RR2	C250	115	162.5	19.3	9.7	30.7	1,116.5	29
NuTech	5V-514*	3111	C250	114	160.4	17.3	11.3	20.4	1,111.7	30
Pioneer	P1184XR CK	HXT,RR2	C250	111	160.9	18.2	16.7	30.7	1,110.9	31
Test Average =					170.2	18.5	13.5	30.3	1,173.9	
LSD (0.10) =					10.0	1.2	12.7			
C.V. =					4.3	4.7				



F.I.R.S.T. Manager

TEST COMMENTS: *This location received some heavy winds near pollination, causing slight amounts of green snap in some hybrids.*
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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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 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 9/28/2011

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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