

2011 BETTER HYBRIDS Harvest Report for Missouri North East [MONE]

Steve Weaver, Clark County, MO 63445 [KAHOKA]

EARLY SEASON TEST
107 - 112 Day CRM

B1MONE21a

PREV. CROP/HERB: Soybean / Roundup

SOIL DESCRIPTION: Edina/Adco silt loam, mod. well drained, minimum w/o fall till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.3 pH, 2.8% OM

PEST MANAGEMENT: Force, Lexar, Roundup, Quilt XL, Warrior

30" ROW SPACING

FERTILITY - Applied N: 180 Fall, 51 Spring, 46 Sidedress,

Applied N-P-K (units): 277-128-60

SEEDED - RATE: May 10 32,400 /A

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

HARVESTED - STAND: Sep 20 31,500 /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 62MV4	VT3P	C250	112	189.1	25.4	1.0	31.6	1,264.7	1	
NK Brand	N72Q-3111 GC	3111	C250	112	182.5	26.9	1.0	31.6	1,212.3	2	
Kruger	K-7611	VT3P	P500,V	111	177.8	21.7	3.7	31.6	1,208.9	3	
Stine	9732VT3Pro*	VT3P	C250	112	177.2	24.0	1.0	31.6	1,192.6	4	
AgriGold	A6458VT3	VT3	P500,V	110	175.3	25.3	1.0	32.6	1,172.9	7	
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	174.9	22.7	1.0	32.6	1,183.9	5	
Lewis	1110VT2P	VT2P	P500,V	110	173.7	22.2	1.0	32.5	1,178.4	6	
G2 Genetics	5X-812^*	HXT,RR2	C250	112	172.3	25.4	1.0	30.7	1,152.3	8	
Pfister	2674HXTR	HXT,RR2	C250,AV	111	170.4	24.8	2.0	31.6	1,142.7	9	
Channel	212-17VT3P	VT3P	P500,V	112	168.3	23.0	1.0	28.8	1,137.7	10	
Stine	9729VT3Pro*	VT3P	C250	110	167.1	23.0	3.7	33.5	1,129.6	11	
Lewis	1209VT2P	VT2P	P500,V	109	165.9	22.2	1.0	29.8	1,125.5	12	
LG Seeds	LG2549VT3	VT3	P500,V	109	165.0	22.5	1.0	34.4	1,117.9	13	
Pioneer	P0916XR*	HXT,RR2	C250	109	164.7	22.4	1.0	31.6	1,116.3	14	
Dyna-Gro	57V40 GC	VT3	P250	110	164.6	24.7	1.0	30.7	1,104.3	17	
NuTech	5N-1004*	3000GT	C250	110	164.1	22.7	2.0	27.9	1,110.8	15	
Channel	212-75VT3P	VT3P	P500,V	112	163.6	26.9	1.0	31.6	1,086.8	21	
Kruger	K-7211	VT3P	P500,V	111	163.3	24.9	1.0	28.8	1,094.6	19	
NuTech	5B-1003*	GT/CB/LL	C250	110	163.3	28.5	1.0	31.6	1,077.0	25	
AgriGold	A6473STX	STX	P500,V	109	162.8	22.5	1.0	31.6	1,103.0	18	
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	162.2	25.5	1.0	31.6	1,084.3	23	
Kruger	K-4207	VT2P	P500,V	107	161.1	22.1	1.0	33.5	1,093.4	20	
AgriGold	A6476VT3Pro	VT3P	P500,V	110	160.7	25.4	1.0	31.6	1,074.8	26	
Kruger	K4-9710	STX	P500,V	110	160.4	25.0	1.0	31.6	1,074.7	27	
FS Seeds	FS 61BX1	STX	C250	111	160.2	22.7	1.0	30.7	1,084.4	22	
FS Seeds	FS 60TV4	VT3P	C250	110	158.6	21.0	2.0	34.4	1,081.7	24	
NK Brand	N68B-3111 GC	3111	C250	111	154.2	24.8	1.0	33.5	1,034.1	28	
Pfister	2574HXTR	HXT,RR2	C250,AV	110	153.3	26.4	1.0	31.6	1,020.7	29	
LG Seeds	LG2602VT3	VT3	P500,V	112	145.6	28.8	1.0	29.8	958.9	31	
Channel	210-44VT2P	VT2P	P500,V	110	143.9	25.0	1.0	29.8	964.1	30	
Pioneer	P1184XR CK	HXT,RR2	C250	111	165.6	24.9	1.0	32.5	1,110.0	16	
					Test Average =	161.3	24.5	1.2	31.5	1,083.4	
					LSD (0.10) =	21.0	3.8	1.6			
					C.V. =	9.6	11.4				



F.I.R.S.T. Manager

TEST COMMENTS: *This plot faired really well for the conditions that it went through. The early part of the growing season was excessively wet, then during July and Aug it only received 4 tenths of an inch of rainfall. Plant were still maintaining good stalk and root quality at the time of harvest. Evidence of Anthracnose and Gray Leaf Spot was evident.*

Lat: N40.57483, Long: W-91.77813

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

 Complete brands tested list & searchable database available at www.firstseedtests.com

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Report Date: 9/20/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Missouri North East [MONE]

Steve Weaver, Clark County, MO 63445 [KAHOKA]

FULL SEASON TEST
113 - 116 Day CRM

B1MONE21b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Edina/Adco silt loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, moderate K, 6.3 pH, 2.8% OM
 PEST MANAGEMENT: Force, Lexar, Roundup, Quilt XL, Warrior
 FERTILITY - Applied N: 180 Fall, 51 Spring, 46 Sidedress,
 Applied N-P-K (units): 277-128-60

30" ROW SPACING

SEEDED - RATE: May 10 32,400 /A
 HARVESTED - STAND: Sep 20 31,700 /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
Lewis	1215VT3P	VT3P	P500,V	115	189.4	22.6	1.0	34.4	1,282.6	1
Kruger	K-7215	VT3P	P500,V	115	185.6	22.5	1.0	32.6	1,257.4	2
LG Seeds	LG2620VT3	VT3	P500,V	113	182.7	24.5	1.0	33.5	1,226.8	3
LG Seeds	LG2636VT3	VT3	P500,V	114	179.7	24.4	1.0	30.7	1,207.2	4
Pioneer	P1395HR	HX,RR2	C250	113	173.2	23.6	1.0	30.7	1,167.7	5
Channel	213-32VT3	VT3	P500,V	113	171.4	24.4	1.0	32.5	1,151.5	8
Kruger	K-7514	VT3P	P500,V	114	169.8	22.2	1.0	28.8	1,151.9	7
Fielders Choice	NG6882	RR2	P250	116	167.8	23.1	1.0	33.5	1,133.8	9
Stine	9808VT3Pro*	VT3P	C250	116	166.1	24.6	1.0	30.7	1,114.9	10
Stine	9806VT3Pro*	VT3P	C250	114	164.7	25.2	1.0	34.4	1,102.5	11
Channel	214-14VT3P	VT3P	P500,V	114	161.2	21.7	1.0	30.7	1,096.0	12
NK Brand	N74R-3000GT GC	3000GT	C250	113	159.3	25.9	1.0	33.5	1,063.0	16
NK Brand	N78S-3111 GC	3111	C250	116	158.7	24.0	1.0	27.9	1,068.1	15
AgriGold	A6553VT3	VT3	P500,V	113	158.5	23.3	1.0	29.8	1,070.0	14
FS Seeds	FS 64JV3	VT3	C250	114	157.9	21.7	1.0	32.6	1,073.6	13
G2 Genetics	5H-513^*	HX,RR2	C250	113	156.6	23.7	1.0	33.5	1,055.3	17
Kruger	K-7312	VT3P	P500,V	112	156.2	23.6	1.0	31.6	1,053.1	18
Lewis	1115VT2P	VT2P	P500,V	115	155.6	24.7	1.0	29.8	1,043.9	21
AgriGold	A6573VT3	VT3	P500,V	114	155.2	22.7	1.0	32.6	1,050.5	19
Channel	216-63VT3	VT3	P500,V	116	154.6	23.1	1.0	31.6	1,044.6	20
AgriGold	A6533VT3	VT3	P500,V	113	154.2	22.7	2.0	32.6	1,043.8	22
NuTech	5N-813*	3000GT	C250	113	153.8	23.1	1.0	31.6	1,039.2	23
Fielders Choice	NG6788	VT3	P250	111	152.9	22.7	1.0	34.4	1,035.0	24
FS Seeds	FS 65BV3	VT3	C250	115	149.6	24.5	3.7	31.6	1,004.6	25
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	149.1	25.2	1.0	30.7	998.1	26
NuTech	5V-514*	3111	C250	114	147.5	23.3	1.0	30.7	995.8	27
Kruger	K-7516	VT3P	P500,V	116	146.8	23.1	1.0	31.6	991.9	28
FS Seeds	FS 63BV1	VT2P	C250	113	144.2	22.7	1.0	31.6	976.1	29
Dyna-Gro	D52Q90 GC	3000GT	P500	112	140.0	22.0	1.0	32.6	950.6	30
Channel	216-96VT3P	VT3P	P500,V	116	138.7	22.6	1.0	31.6	939.3	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	170.8	22.3	1.0	31.6	1,158.2	6
Test Average =					156.4	23.6	3.0	31.7	1,054.8	
LSD (0.10) =					22.3	2.3	10.9			
C.V. =					10.5	7.0				



F.I.R.S.T. Manager

TEST COMMENTS: This plot faired really well for the conditions that it went through. The early part of the growing season was excessively wet, then during July and Aug it only received 4 tenths of an inch of rainfall. Plant were still maintaining good stalk and root quality at the time of harvest. Evidence of Anthracnose and Gray Leaf Spot was evident.

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

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