F.I.R.S.T.®
Farmer's Independent Research of Seed Technologies

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

EARLY SEASON TEST

Mike Mueller, Shelby County, MO 63437 [CLARENCE]

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup — B1MONE23a

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

SOIL CONDITION: Mod. High P, mod. high K, 7 pH, 2.6% OM

PEST MANAGEMENT: Force, Degree Xtra — 30" ROW SPACING

FERTILITY - Applied N: 195 Fall,

Applied N-P-K (units): 195-81-20

SEEDED - RATE: May 9 32,400 /A

HARVESTED - STAND: Sep 28 /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	Gross Income Rank

Test Lost to Poor Weed Control

Test Average =

LSD (0.10) =

C.V. =

F.I.R.S.T. Manager

TEST COMMENTS: *This test location looked great early season. However, uncontrolled fall panicum had a substantial impact on results. Corn yield varied widely from plot to plot, 0 to 126 bu/acre, due to high weed pressure and low late season rainfall (July and August were 3.5 and 2.5 inches below average, respectively).*

Lat: N39.72978, Long: W-92.26504

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: 9/28/2011 Revised:

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

Mike Mueller, Shelby County, MO 63437 [CLARENCE]

FULL SEASON TEST
113 - 116 Day CRM

B1MONE23b

PREV. CROP/HERB: Soybean / Roundup
SOIL DESCRIPTION: Putnam silt loam, moderately drained, minimum w/o fall till, non-irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 7 pH, 2.6% OM

PEST MANAGEMENT: Force, Degree Xtra
FERTILITY - Applied N: 195 Fall,
Applied N-P-K (units): 195-81-20

30" ROW SPACING

SEEDED - RATE: May 9 32,400 /A
HARVESTED - STAND: Sep 28 /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	Gross Income Rank

Test Lost to Poor Weed Control

F.I.R.S.T. Manager

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

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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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