

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

David Shadle, Todd Agri Corp, Des Moines County, IA 52640 [MT. PLEASANT]

107 - 112 Day CRM

PREV. CROP/HERB: Soybean / Roundup B1MONE19a
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, moderate K, 6.4 pH, 2.2% OM
 PEST MANAGEMENT: Force, Balance Flexx, Atrazine, Laudis, Stratego 30" ROW SPACING
 FERTILITY - Applied N: 160 Spring, 35 Planter,
 Applied N-P-K (units): 195-0-0
 SEEDED - RATE: May 3 32,400 /A TOP 30 OF 36 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 19 33,900 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dyna-Gro	57V40 GC	VT3	P250	110	205.9	26.3	1.0	35.3	1,371.5	1
FS Seeds	FS 60TV4	VT3P	C250	110	200.7	25.4	1.0	36.2	1,342.3	2
Pfister	2574HXTR	HXT,RR2	C250,AV	110	200.6	28.5	1.0	33.5	1,323.0	4
Lewis	1209VT2P	VT2P	P500,V	109	200.3	26.6	1.0	35.3	1,332.4	3
AgriGold	A6473STX	STX	P500,V	109	196.0	24.8	1.0	36.2	1,314.4	5
NK Brand	N72Q-3111 GC	3111	C250	112	195.3	28.2	1.0	35.3	1,289.8	9
AgriGold	A6476VT3Pro	VT3P	P500,V	110	195.0	26.9	1.0	36.2	1,295.4	7
Kruger	K-7211	VT3P	P500,V	111	194.2	26.4	1.0	32.6	1,293.0	8
Channel	212-75VT3P	VT3P	P500,V	112	193.7	25.3	1.0	33.5	1,296.0	6
NuTech	5B-1003*	GT/CB/LL	C250	110	190.9	25.5	1.0	35.3	1,276.2	10
AgriGold	A6458VT3	VT3	P500,V	110	189.6	25.1	1.0	34.4	1,269.8	11
Channel	210-44VT2P	VT2P	P500,V	110	189.1	27.0	1.0	31.6	1,255.6	12
FS Seeds	FS 62MV4	VT3P	C250	112	187.5	26.7	1.0	34.4	1,246.7	14
LG Seeds	LG2602VT3	VT3	P500,V	112	185.9	28.1	1.0	33.5	1,228.2	15
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	185.7	24.3	1.0	33.5	1,248.1	13
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	184.7	30.2	1.0	34.4	1,208.7	21
Kruger	K-7611	VT3P	P500,V	111	184.3	26.5	1.0	36.2	1,226.5	16
Lewis	1110VT2P	VT2P	P500,V	110	183.8	26.3	1.0	32.6	1,224.3	18
NuTech	5N-1004*	3000GT	C250	110	182.2	24.3	1.0	34.4	1,224.6	17
Stine	9731VT3Pro*	VT3P	C250	110	180.9	26.2	1.0	32.6	1,205.5	22
Kruger	K4-9710	STX	P500,V	110	180.7	25.3	1.0	33.5	1,209.1	20
NK Brand	N68B-3111 GC	3111	C250	111	180.0	27.6	1.0	34.4	1,192.0	24
Pfister	2674HXTR	HXT,RR2	C250,AV	111	179.6	26.6	1.0	33.4	1,194.7	23
FS Seeds	FS 61BX1	STX	C250	111	178.3	26.7	1.0	30.7	1,185.5	25
Pfister	2570SS	STX	C250,AV	110	173.5	25.9	1.0	32.5	1,157.8	26
Channel	209-85VT3P	VT3P	P500,V	109	170.7	26.4	1.0	29.8	1,136.5	27
Stine	9732VT3Pro*	VT3P	C250	112	170.4	27.4	1.0	32.5	1,129.4	29
G2 Genetics	5H-511^*	HX,RR2	C250	111	169.3	24.9	1.0	32.6	1,134.8	28
G2 Genetics	5X-812^*	HXT,RR2	C250	112	168.8	30.1	1.0	35.3	1,105.1	30
Channel	212-17VT3P	VT3P	P500,V	112	163.9	24.9	1.0	31.6	1,098.6	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	181.4	25.0	1.0	35.3	1,215.4	19
Test Average =					181.6	26.4	1.0	33.9	1,208.7	
LSD (0.10) =					16.1	3.1	ns			
C.V. =					6.5	8.6				



F.I.R.S.T. Manager

TEST COMMENTS: *Great standing corn at this early date. Stalk quality was holding good and there was still a significant amount of green still left in the stalks. Trace amounts of Anthracnose and Gray Leaf Spot could be found throughout the plot. Cobs were good and stiff and easy to shell. David commented that during the season rainfall was limited at times.*

Lat: N41.07442, Long: W-91.30362

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]

David Shadle, Todd Agri Corp, Des Moines County, IA 52640 [MT. PLEASANT]

FULL SEASON TEST
113 - 116 Day CRM

B1MONE19b

PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Taintor/Mahaska silty clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, moderate K, 6.4 pH, 2.2% OM
 PEST MANAGEMENT: Force, Balance Flexx, Atrazine, Laudis, Stratego
 FERTILITY - Applied N: 160 Spring, 35 Planter,
 Applied N-P-K (units): 195-0-0

30" ROW SPACING

SEEDED - RATE: May 3 32,400 /A
 HARVESTED - STAND: Sep 19 33,000 /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
Fielders Choice	NG6882	RR2	P250	116	221.5	28.7	1.0	35.3	1,459.5	1
AgriGold	A6533VT3	VT3	P500,V	113	202.6	32.8	1.0	32.6	1,310.0	5
Channel	216-96VT3P	VT3P	P500,V	116	202.4	31.4	1.0	32.5	1,317.2	4
G2 Genetics	5H-515 [^] *	HX,RR2	C250	115	202.1	33.4	1.0	29.8	1,303.1	7
Channel	216-63VT3	VT3	P500,V	116	201.8	30.3	1.0	36.2	1,320.0	2
Fielders Choice	NG6798	VT3P	P250	112	201.3	30.0	1.0	32.5	1,318.5	3
LG Seeds	LG2620VT3	VT3	P500,V	113	199.8	31.6	1.0	34.4	1,299.1	8
NuTech	5V-514 [*]	3111	C250	114	197.8	28.4	1.0	33.5	1,305.1	6
FS Seeds	FS 63BV1	VT2P	C250	113	196.1	33.4	1.0	30.7	1,264.5	12
FS Seeds	FS 64JV3	VT3	C250	114	195.9	31.5	1.0	36.2	1,274.3	10
Channel	214-14VT3P	VT3P	P500,V	114	195.8	29.7	1.0	33.5	1,284.3	9
Kruger	K-7215	VT3P	P500,V	115	195.8	32.3	1.0	33.5	1,269.0	11
NK Brand	N74R-3000GT GC	3000GT	C250	113	191.8	30.2	1.0	31.6	1,255.1	13
AgriGold	A6573VT3	VT3	P500,V	114	189.7	32.1	1.0	31.6	1,230.6	15
G2 Genetics	5H-513 [^] *	HX,RR2	C250	113	189.1	32.2	1.0	35.3	1,226.1	17
Channel	213-32VT3	VT3	P500,V	113	188.0	30.4	1.0	35.3	1,229.1	16
G2 Genetics	5H-716 [^] *	HX,RR2	C250	116	187.7	31.5	1.0	33.5	1,221.0	18
Kruger	K-7514	VT3P	P500,V	114	186.9	26.0	1.0	31.6	1,246.6	14
Fielders Choice	NG6880	VT3	P250	117	185.3	32.6	1.0	33.5	1,199.3	19
Lewis	1215VT3P	VT3P	P500,V	115	183.5	33.9	1.0	32.6	1,180.5	20
NK Brand	N78S-3111 GC	3111	C250	116	183.4	36.5	1.0	28.8	1,165.5	24
Stine	9808VT3Pro [*]	VT3P	C250	116	182.5	34.6	1.0	34.4	1,170.2	21
NuTech	5N-813 [*]	3000GT	C250	113	179.1	30.6	1.0	29.8	1,169.9	22
AgriGold	A6553VT3	VT3	P500,V	113	178.3	31.5	1.0	34.4	1,159.8	25
Lewis	1115VT2P	VT2P	P500,V	115	178.2	34.0	1.0	32.5	1,145.8	27
Fielders Choice	NG6788	VT3	P250	111	175.6	30.5	1.0	30.7	1,147.5	26
G2 Genetics	5X-1301 [^] *	HXT,RR2	P1250,V	113	170.3	29.4	1.0	32.6	1,118.5	28
LG Seeds	LG2636VT3	VT3	P500,V	114	170.1	29.9	1.0	33.4	1,114.7	29
Pioneer	P1395HR	HX,RR2	C250	113	168.7	30.4	1.0	31.6	1,103.0	30
Stine	9806VT3Pro [*]	VT3P	C250	114	166.5	29.8	1.0	33.5	1,091.6	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	175.9	27.2	1.0	36.2	1,166.9	23
Test Average =					185.2	31.3	1.0	33.0	1,206.0	
LSD (0.10) =					16.0	3.7	ns			
C.V. =					6.3	8.7				



F.I.R.S.T. Manager

TEST COMMENTS: *Great standing corn at this early date. Stalk quality was holding good and there was still a significant amount of green still left in the stalks. Trace amounts of Anthracnose and Gray Leaf Spot could be found throughout the plot. Cobs were good and stiff and easy to shell. David commented that during the season rainfall was limited at times.*

Lat: N41.07442, Long: W-91.30362

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

AgSCI Copyright 2011

Report Date: 9/20/2011

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®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaicho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent