

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

Shawn Adam, Valley View Farms, Jefferson County, IA 52533 [BATAVIA]

EARLY SEASON TEST
107 - 112 Day CRM

PREV. CROP/HERB: Corn / Lumax, Force

B1MONE20a

SOIL DESCRIPTION: Haig silt loam, moderately drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: High P, high K, 7 pH, 4.5% OM

PEST MANAGEMENT: Force, Capreno, Atrazine

30" ROW SPACING

FERTILITY - Applied N: 185 Spring,

Applied N-P-K (units): 185-0-0

SEEDED - RATE: May 9 33,800 /A

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

HARVESTED - STAND: Sep 29 33,100 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Channel	210-44VT2P	VT2P	P500,V	110	194.0	25.5	1.0	30.7	1,296.9	1	
Pfister	2574HXTR	HXT,RR2	C250,AV	110	191.1	24.0	1.0	33.5	1,286.1	2	
AgriGold	A6458VT3	VT3	P500,V	110	188.9	23.7	3.7	32.6	1,273.0	3	
NK Brand	N72Q-3111 GC	3111	C250	112	188.9	26.1	3.7	33.5	1,259.4	6	
Channel	209-85VT3P	VT3P	P500,V	109	188.0	24.9	1.0	31.6	1,260.2	5	
Lewis	1110VT2P	VT2P	P500,V	110	187.5	23.7	1.0	31.6	1,263.6	4	
FS Seeds	FS 60TV4	VT3P	C250	110	186.2	23.3	1.0	33.5	1,257.0	7	
LG Seeds	LG2602VT3	VT3	P500,V	112	185.6	25.2	1.0	34.4	1,242.4	8	
Kruger	K-7211	VT3P	P500,V	111	180.8	23.0	1.0	34.4	1,222.2	9	
Pfister	2674HXTR	HXT,RR2	C250,AV	111	179.5	27.0	1.0	31.6	1,191.9	11	
Dyna-Gro	57V40 GC	VT3	P250	110	178.2	25.3	1.0	32.6	1,192.3	10	
Pfister	2570SS	STX	C250,AV	110	176.0	23.1	2.0	31.6	1,189.2	12	
G2 Genetics	5X-812^*	HXT,RR2	C250	112	175.0	24.6	1.0	36.2	1,174.6	14	
NK Brand	N68B-3111 GC	3111	C250	111	174.9	23.7	1.0	32.6	1,178.7	13	
FS Seeds	FS 61BX1	STX	C250	111	173.3	23.7	1.0	33.5	1,167.9	16	
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	173.1	23.2	1.0	30.7	1,169.1	15	
NuTech	5B-1003*	GT/CB/LL	C250	110	173.1	25.1	1.0	33.5	1,159.3	19	
AgriGold	A6476VT3Pro	VT3P	P500,V	110	172.9	23.4	1.0	33.5	1,166.7	17	
G2 Genetics	5H-013^*	HX,RR2	P1250,V	112	171.9	25.2	1.0	33.5	1,150.7	21	
Kruger	K-7611	VT3P	P500,V	111	171.2	22.2	1.0	36.2	1,161.4	18	
G2 Genetics	5H-511^*	HX,RR2	C250	111	170.5	21.9	1.0	30.7	1,158.2	20	
AgriGold	A6473STX	STX	P500,V	109	169.5	25.0	1.0	31.6	1,135.7	22	
Stine	9731VT3Pro*	VT3P	C250	110	168.2	23.6	1.0	32.5	1,134.0	23	
FS Seeds	FS 62MV4	VT3P	C250	112	167.1	25.1	1.0	33.5	1,119.1	25	
Stine	9732VT3Pro*	VT3P	C250	112	166.8	23.7	1.0	31.6	1,124.1	24	
Pioneer	P0916XR*	HXT,RR2	C250	109	166.3	24.6	1.0	33.5	1,116.2	27	
Channel	212-75VT3P	VT3P	P500,V	112	165.7	23.5	1.0	33.5	1,117.6	26	
Stine	9729VT3Pro*	VT3P	C250	110	162.3	22.7	1.0	32.5	1,098.6	28	
FS Seeds	FS 58MV4	VT3P	C250	108	159.6	22.7	1.0	33.5	1,080.3	29	
LG Seeds	LG2549VT3	VT3	P500,V	109	158.9	22.9	3.7	35.3	1,074.6	30	
Pioneer	P1184XR CK	HXT,RR2	C250	111	149.3	25.5	1.0	35.3	998.1	34	
					Test Average =	170.9	24.0	1.3	33.1	1,149.9	
					LSD (0.10) =	19.6	2.5	2.0			
					C.V. =	8.4	7.6				

TEST COMMENTS: This location started off with great emergence, then the rest of the season was all down hill. Too much rain, too little rain, and poor pollination. The plot actually yielded better than some of the other farms in the area. Shawn was telling me most of their corn was averaging between 125 and 130 bu/ac. Ear shanks were extremely weak as well.

Lat: N40.95856, Long: W-92.15341

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: 9/29/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Missouri North East [MONE]
 Shawn Adam, Valley View Farms, Jefferson County, IA 52533 [BATAVIA]

FULL SEASON TEST
113 - 116 Day CRM

B1MONE20b

 PREV. CROP/HERB: Corn / Lumax, Force
 SOIL DESCRIPTION: Haig silt loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 7 pH, 4.5% OM
 PEST MANAGEMENT: Force, Capreno, Atrazine
 FERTILITY - Applied N: 185 Spring,
 Applied N-P-K (units): 185-0-0

30" ROW SPACING

 SEEDED - RATE: May 9 33,800 /A
 HARVESTED - STAND: Sep 29 32,400 /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
LG Seeds	LG2620VT3	VT3	P500,V	113	191.3	26.9	1.0	30.7	1,270.8	1
AgriGold	A6553VT3	VT3	P500,V	113	185.8	26.8	2.0	32.6	1,234.8	2
G2 Genetics	5H-515^*	HX,RR2	C250	115	179.4	30.0	1.0	34.4	1,175.1	3
Stine	9808VT3Pro*	VT3P	C250	116	173.5	28.0	1.0	33.5	1,146.8	4
Stine	9806VT3Pro*	VT3P	C250	114	172.4	29.2	1.0	33.5	1,133.4	5
Lewis	1215VT3P	VT3P	P500,V	115	170.5	29.2	1.0	33.5	1,120.9	6
FS Seeds	FS 66S41	GT/CB/LL	C250	116	167.6	27.1	1.0	31.6	1,112.4	7
Fielders Choice	NG6882	RR2	P250	116	167.5	28.9	1.0	33.5	1,102.7	9
Fielders Choice	NG6788	VT3	P250	111	166.2	26.3	1.0	34.4	1,107.1	8
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	165.3	28.4	1.0	33.5	1,090.6	10
NuTech	5V-514*	3111	C250	114	164.0	27.3	1.0	28.8	1,087.5	11
LG Seeds	LG2636VT3	VT3	P500,V	114	162.7	27.9	1.0	32.6	1,075.9	14
Lewis	1115VT2P	VT2P	P500,V	115	162.4	29.0	1.0	30.7	1,068.6	17
AgriGold	A6533VT3	VT3	P500,V	113	161.2	25.5	3.7	31.6	1,077.6	13
AgriGold	A6573VT3	VT3	P500,V	114	160.9	26.1	1.0	33.5	1,072.7	16
Channel	216-63VT3	VT3	P500,V	116	160.6	23.4	6.0	34.4	1,083.7	12
FS Seeds	FS 63BV1	VT2P	C250	113	160.2	24.8	2.0	31.6	1,074.3	15
Kruger	K-7215	VT3P	P500,V	115	159.9	28.6	1.0	32.6	1,054.1	19
Kruger	K-7312	VT3P	P500,V	112	158.1	24.7	2.0	32.5	1,060.7	18
Channel	214-14VT3P	VT3P	P500,V	114	157.3	29.0	1.0	32.6	1,035.0	20
Channel	216-96VT3P	VT3P	P500,V	116	156.5	30.0	1.0	35.3	1,025.1	22
Kruger	K-7514	VT3P	P500,V	114	155.1	26.1	1.0	32.5	1,034.1	21
FS Seeds	FS 65BV3	VT3	C250	115	154.4	30.5	1.0	27.0	1,009.0	25
Kruger	K-7516	VT3P	P500,V	116	153.0	27.3	1.0	32.5	1,014.5	24
G2 Genetics	5H-716^*	HX,RR2	C250	116	152.8	28.3	1.0	32.6	1,008.6	26
G2 Genetics	5H-513^*	HX,RR2	C250	113	151.0	30.4	1.0	30.7	987.2	29
NK Brand	N74R-3000GT GC	3000GT	C250	113	150.5	28.5	1.0	32.6	992.5	27
FS Seeds	FS 64JV3	VT3	C250	114	149.7	27.9	1.0	32.6	990.0	28
NuTech	5N-813*	3000GT	C250	113	147.1	30.1	1.0	34.4	963.1	30
Channel	213-32VT3	VT3	P500,V	113	144.7	26.7	1.0	31.6	962.1	31
Pioneer	P1184XR CK	HXT,RR2	C250	111	153.3	27.7	1.0	33.4	1,014.7	23
Test Average =					158.7	27.7	1.3	32.4	1,050.7	
LSD (0.10) =					24.1	3.1	2.1			
C.V. =					11.1	8.2				



F.I.R.S.T. Manager

TEST COMMENTS: *This location started off with great emergence, then the rest of the season was all down hill. Too much rain, too little rain, and poor pollination. The plot actually yielded better than some of the other farms in the area. Shawn was telling me most of their corn was averaging between 125 and 130 bu/ac. Ear shanks were extremely weak as well.*

Lat: N40.95856, Long: W-92.15341

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



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

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gauche®, 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