

**2011 BETTER HYBRIDS Harvest Report for Iowa North Central [ IANC ]**

Kevin Lockard, Fayette County, IA 50662 [ OELWEIN ]

**EARLY SEASON TEST**
**101 - 106 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Harness Xtra, Callisto

B1IANC10a

SOIL DESCRIPTION: Kenyon loam, well drained, conventional w/ fall till, non-irrigated

SOIL CONDITION: Moderate P, moderate K, 6.5 pH, 3.5% OM

PEST MANAGEMENT: Harness Xtra, Callisto, Atrazine, Force 3G

30" ROW SPACING

FERTILITY - Applied N: 111 Fall, 21 Spring, 77 Sidedress,

Applied N-P-K (units): 209-78-210

SEEDED - RATE: May 10 35,100 /A

**TOP 30 OF 78 FOR GROSS INCOME (SORTED BY YIELD)**

HARVESTED - STAND: Oct 14 34,500 /A

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Viking	D44-06RL	STX	C250	106	<b>228.9</b>	20.3	3.0	31.2	1,260.9	2
Fielders Choice	NG6731	VT3	P250	107	<b>223.1</b>	19.6	2.0	34.4	1,237.5	3
Steyer	10603	STX	P250	106	<b>221.3</b>	19.7	2.0	37.7	1,226.3	4
Cornelius	C459SS	STX	C250	105	<b>218.3</b>	19.9	1.0	37.7	1,207.3	10
FS Seeds	FS 56TV4	VT3P	C250	106	<b>217.9</b>	19.0	2.0	34.4	1,215.9	5
AgriGold	A6323GT3	3000GT	P500,V	103	<b>216.7</b>	18.9	24.7	33.6	1,210.4	8
Fontanelle	5T426	VT3	P250	102	215.2	18.5	29.7	39.4	1,206.7	11
Dyna-Gro	D40SS09	STX	P250	100	214.9	18.3	3.7	33.6	1,207.4	9
Pioneer	P0210HR GC	HX,RR2	P1250,V	102	214.4	17.6	16.7	31.2	1,212.9	6
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	214.3	17.7	3.7	34.4	1,211.1	7
Kruger	K4-9302	STX	P500,V	102	214.2	18.3	7.0	32.8	1,203.5	12
G2 Genetics	5H-502^*	HX,RR2	C250	102	213.4	18.2	3.7	32.8	1,200.2	13
Stine	9523VT3*	VT3	C250	104	212.4	17.9	3.0	33.6	1,198.0	14
LG Seeds	LG2535STX	STX	P500,V	106	211.4	20.1	3.0	33.6	1,166.8	19
Jung	7S555	STX	P500	102	209.9	17.9	3.0	35.2	1,183.9	16
FS Seeds	FS 53TV4	VT3P	C250	103	209.7	17.3	5.7	31.2	1,189.7	15
Jung	7V570	VT3P	P500	105	208.0	18.2	3.0	36.1	1,169.8	17
Wyffels	W4267	VT3P	P250	105	207.4	18.2	7.0	30.3	1,166.4	20
Steyer	10602	3000GT	C250	106	206.8	19.8	33.7	37.7	1,144.8	30
Epley	E1238GT3000	3000GT	C250	101	206.4	17.5	2.0	35.3	1,168.7	18
Renze	1219VT3	VT3	C250	103	205.8	18.1	5.7	35.2	1,158.6	21
Dekalb	DKC55-09 GC	STX	P250	105	205.8	18.9	2.0	33.6	1,149.5	27
Titan Pro	80A05GL	3000GT	C250	105	205.2	18.5	5.7	33.6	1,150.7	24
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	205.1	18.4	5.7	30.3	1,151.2	23
Trelay	6VT154	VT3	P500,V	102	204.9	18.4	32.3	32.8	1,150.1	26
FS Seeds	FS 54VX1	STX	C250	104	204.8	18.3	2.0	35.2	1,150.7	25
Steyer	10302	3000GT	C250	103	203.9	17.5	17.7	33.6	1,154.6	22
Croplan	5338VT3 GC	VT3	C250	103	203.9	18.1	24.0	35.2	1,147.9	28
Cornelius	C344VT3P	VT3P	C250	103	203.7	18.1	4.7	35.2	1,146.7	29
Trelay	6VP125	VT3P	P500,V	102	202.4	18.0	4.0	34.4	1,140.5	31
<b>Pioneer</b>	<b>P0533XR CK</b>	<b>HXT,RR2</b>	<b>C250</b>	<b>105</b>	<b>232.1</b>	<b>19.0</b>	<b>19.7</b>	<b>32.8</b>	<b>1,295.1</b>	<b>1</b>
Test Average =					<b>199.7</b>	<b>18.4</b>	<b>10.3</b>	<b>34.5</b>	<b>1,121.0</b>	
LSD (0.10) =					16.1	0.9	15.5			
C.V. =					6.0	3.6				



F.I.R.S.T. Manager

**TEST COMMENTS:** Well timed rains allowed hybrids to get off to a great start early on and finish well with good kernel depth. A late

August visit revealed a high incidence of gray leaf spot, moderate eyespot and some silk feeding from Northern &amp; Western corn rootworm.

A September 3 storm brought 4.5" of rain and big wind resulting in good lodging scores here.

Lat: N42.74529, Long: W-91.88163

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$5.80

<sup>†</sup> 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

<sup>††</sup> IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 q 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](http://www.firstseedtests.com)

AgSCI Copyright 2011

Report Date: 10/15/2011

Revised:

**2011 BETTER HYBRIDS Harvest Report for Iowa North Central [ IANC ]**

Kevin Lockard, Fayette County, IA 50662 [ OELWEIN ]

**FULL SEASON TEST**
**107 - 110 Day CRM**

B1IANC10b

 PREV. CROP/HERB: Corn, 2+ yr / Harness Xtra, Callisto  
 SOIL DESCRIPTION: Kenyon loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.5% OM  
 PEST MANAGEMENT: Harness Xtra, Callisto, Atrazine, Force 3G  
 FERTILITY - Applied N: 111 Fall, 21 Spring, 77 Sidedress,  
 Applied N-P-K (units): 209-78-210

30" ROW SPACING

 SEEDED - RATE: May 10 35,100 /A  
 HARVESTED - STAND: Oct 14 34,300 /A

**TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology <sup>†</sup>	IST <sup>††</sup>	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renk	RK795VT3P	VT3P	P250	109	<b>225.6</b>	19.5	5.7	37.7	1,252.6	1
Wyffels	W5077	VT3P	P250	107	<b>219.2</b>	19.4	3.0	32.0	1,218.3	3
Stine	9731VT3Pro*	VT3P	C250	110	<b>218.1</b>	20.6	8.0	34.4	1,197.8	4
Wyffels	W6871	VT3	P250	110	215.8	21.3	9.7	34.5	1,176.9	6
Steyer	10901	STX	P250	109	214.2	20.8	8.0	33.6	1,174.0	7
FS Seeds	FS 60MV4	VT3P	C250	110	213.3	20.1	8.0	36.1	1,177.3	5
LG Seeds	LG2549VT3	VT3	P500,V	109	212.5	21.5	26.0	34.4	1,156.5	13
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	210.3	19.7	46.0	32.0	1,165.4	8
AgriGold	A6458VT3	VT3	P500,V	110	210.1	21.5	13.7	37.7	1,143.5	18
Channel	209-77VT3	VT3	P500,V	109	209.7	19.6	36.7	34.4	1,163.2	10
NK Brand	N63R-3000GT GC	3000GT	C250	109	209.7	20.5	40.7	32.0	1,152.8	14
Cornelius	C594VT3P	VT3P	P250	109	208.7	19.5	8.0	35.2	1,158.8	12
G2 Genetics	5H-0701^	HX,RR2	C250	106	208.6	19.3	22.3	30.3	1,160.5	11
Renk	RK744VT3P	VT3P	P250	107	207.9	18.6	11.3	34.4	1,164.7	9
Kruger	K4-9710	STX	P500,V	110	207.2	20.7	7.3	34.4	1,136.8	19
Kruger	K-6408VT3	VT3	P500,V	108	206.8	19.2	40.7	37.7	1,151.7	15
Dairyland	ST-9210SSX	STX	C250	110	206.7	20.5	7.3	35.3	1,136.3	20
Great Lakes	5939G3VT3	VT3	P500,V	109	206.6	21.1	46.3	36.1	1,129.0	24
AgriGold	A6473STX	STX	P500,V	109	206.3	20.7	10.0	32.8	1,131.9	23
Fontanelle	6V879	VT3P	P500,V	107	205.3	18.6	3.0	31.2	1,150.1	16
Gold Country	107-17	VT3P	P250	107	205.2	18.6	3.0	35.2	1,149.5	17
NuTech	5N-1004*	3000GT	C250	110	204.6	20.2	41.0	28.7	1,128.2	25
Wyffels	W6878 GC	STX	P250	110	204.6	20.5	9.7	35.2	1,124.8	27
Cornelius	C582VT3P	VT3P	C250	109	204.4	20.2	3.0	32.8	1,127.1	26
Stine	9531VT3Pro*	VT3P	C250	107	203.4	20.4	15.0	30.3	1,119.3	28
Kruger	K-7907	VT3P	P500,V	107	202.5	18.7	4.7	37.7	1,133.3	22
Gold Country	110-35	VT3	P250	110	202.4	20.0	16.3	32.8	1,118.3	29
Steyer	10701	VT3P	P250	107	202.2	18.3	5.7	32.8	1,136.1	21
Viking	57-07N	none	C250	107	200.2	19.3	41.7	32.0	1,113.8	30
Pfister	2535SS	STX	C250,AV	109	198.3	18.7	64.7	32.8	1,109.8	31
Pioneer	P0533XR CK	HXT,RR2	C250	105	<b>225.0</b>	19.3	13.7	33.6	1,251.8	2
					Test Average =	<b>203.0</b>	<b>20.1</b>	<b>21.2</b>	<b>34.3</b>	<b>1,120.1</b>
					LSD (0.10) =	15.1	1.0	19.5		
					C.V. =	5.5	3.5			

**TEST COMMENTS:** Well timed rains allowed hybrids to get off to a great start early on and finish well with good kernel depth. A late

August visit revealed a high incidence of gray leaf spot, moderate eyespot and some silk feeding from Northern &amp; Western corn rootworm.

A September 3 storm brought 4.5" of rain and big wind resulting in good lodging scores here.

Lat: N42.74529, Long: W-91.88163

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.055 Price = \$5.80

<sup>†</sup> 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

<sup>††</sup> 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](http://www.firstseedtests.com)

AgSCI Copyright 2011

Report Date: 10/15/2011

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