

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

Pete Bartlett, Hardin County, IA 50126 [ IOWA FALLS ]

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

B1IANC11a

PREV. CROP/HERB: Corn, 2+ yr / Corvus  
 SOIL DESCRIPTION: Clarion-Webster silt loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITION: High P, high K, 7.2 pH, 4.8% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Force 3G  
 FERTILITY - Applied N: 180 Fall,  
 Applied N-P-K (units): 180-0-100

30" ROW SPACING

SEEDED - RATE: May 6 35,100 /A  
 HARVESTED - STAND: Sep 30 34,400 /A

**TOP 30 OF 78 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	
Trelay	6ST576	STX	P500,V	104	<b>211.2</b>	26.8	1.0	38.5	1,162.7	1	
Viking	D44-06RL	STX	C250	106	<b>208.6</b>	28.0	1.0	35.3	1,142.1	2	
Stine	9529VT3Pro*	VT3P	C250	106	<b>205.2</b>	26.9	1.0	32.0	1,129.1	3	
Fielders Choice	NG6731	VT3	P250	107	<b>205.0</b>	27.3	1.0	36.1	1,126.0	4	
AgriGold	A6323GT3	3000GT	P500,V	103	<b>201.6</b>	25.2	1.0	36.9	1,117.9	5	
AgriGold	A6384VT3Pro	VT3P	P500,V	106	199.2	27.4	1.0	32.8	1,093.6	7	
FS Seeds	FS 56TV4	VT3P	C250	106	199.1	27.6	1.0	32.0	1,092.1	9	
Steyer	10603	STX	P250	106	198.7	27.9	1.0	35.3	1,088.4	10	
Croplan	5338VT3 GC	VT3	C250	103	198.5	25.4	1.0	33.6	1,099.7	6	
Kruger	K4-9302	STX	P500,V	102	197.7	25.9	1.0	36.1	1,092.8	8	
Dyna-Gro	D45VC90	VT2P	P250	105	197.7	27.7	1.0	31.1	1,083.9	13	
Dairyland	ST-9206SSX	STX	C250	104	196.9	26.6	1.0	35.3	1,084.9	11	
Renze	2222-3000GT*	3000GT	C250	104	195.4	26.1	1.0	35.3	1,079.1	15	
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	194.7	24.3	1.0	34.4	1,084.0	12	
AgriGold	A6276VT3	VT3	P500,V	101	193.9	25.9	1.0	34.4	1,071.8	16	
G2 Genetics	5H-502^*	HX,RR2	C250	102	193.7	23.9	1.0	36.9	1,080.4	14	
G2 Genetics	5H-905^	HX,RR2	C250	105	193.2	25.8	1.0	35.3	1,068.4	17	
Great Lakes	5643VT3PRO	VT3P	P500,V	106	192.1	27.0	1.0	34.4	1,056.6	18	
Jung	7S555	STX	P500	102	191.3	26.8	1.0	33.6	1,053.1	20	
LG Seeds	LG2535STX	STX	P500,V	106	190.8	28.0	1.0	33.6	1,044.6	22	
Pioneer	P0210HR GC	HX,RR2	P1250,V	102	190.1	25.1	1.0	34.4	1,054.6	19	
NK Brand	N53C-3111 GC	3111	C250	105	190.0	25.9	1.0	35.3	1,050.2	21	
Dekalb	DKC55-09 GC	STX	P250	105	189.7	27.4	1.0	32.0	1,041.5	23	
Great Lakes	5339GT3	3000GT	P500,V	103	188.2	27.4	1.0	36.1	1,033.2	25	
Fontanelle	5T426	VT3	P250	102	187.6	25.8	4.0	37.7	1,037.4	24	
Titan Pro	1041	none	C250	104	186.6	27.3	2.0	32.0	1,024.9	29	
FS Seeds	FS 54TL2	3111	C250	104	186.2	25.8	1.0	36.9	1,029.7	27	
Stine	9523VT3*	VT3	C250	104	185.7	26.0	1.0	34.4	1,026.0	28	
Kruger	K4-9205	STX	P500,V	105	185.4	27.4	1.0	33.6	1,017.8	31	
Pfister	2223SS	STX	C250,AV	104	183.4	24.0	3.0	34.4	1,022.5	30	
Pioneer	P0533XR CK	HXT,RR2	C250	105	187.5	26.8	1.0	33.6	1,032.2	26	
					Test Average =	<b>180.5</b>	<b>25.8</b>	<b>1.4</b>	<b>34.4</b>	<b>998.1</b>	
					LSD (0.10) =	20.4	1.6	1.2			
					C.V. =	8.4	4.5				



F.I.R.S.T. Manager

**TEST COMMENTS:** This corn-on-corn site revealed weaknesses of some hybrids to both Gray leaf spot and Northern leaf blight. Symptoms of these diseases were severe in some cases and prevented top end yields. A mid-season visit noted high populations of Western Corn Rootworm beetles doing some silk feeding. There was between 0.5 to 1.5 inches of tip dieback throughout the site. Lat: N42.49141, Long: W-93.32088

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 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)

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Revised:

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

Pete Bartlett, Hardin County, IA 50126 [ IOWA FALLS ]

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

B1IANC11b

PREV. CROP/HERB: Corn, 2+ yr / Corvus  
 SOIL DESCRIPTION: Clarion-Webster silt loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 7.2 pH, 4.8% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Force 3G  
 FERTILITY - Applied N: 180 Fall,  
 Applied N-P-K (units): 180-0-100

30" ROW SPACING

SEEDED - RATE: May 6 35,100 /A  
 HARVESTED - STAND: Sep 30 34,100 /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
Titan Pro	80A08GL	3000GT	C250	108	<b>209.8</b>	28.5	1.0	33.6	1,146.0	1
Wyffels	W6871	VT3	P250	110	<b>207.6</b>	29.7	1.0	35.3	1,127.8	3
NuTech	5N-1004*	3000GT	C250	110	<b>207.4</b>	29.0	1.0	34.4	1,130.3	2
FS Seeds	FS 58MV4	VT3P	C250	108	<b>204.2</b>	28.0	1.0	36.1	1,118.0	4
Cornelius	C594VT3P	VT3P	P250	109	<b>203.8</b>	28.5	1.0	36.1	1,113.3	5
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	199.4	29.9	1.0	31.2	1,082.2	6
LG Seeds	LG2555VT3	VT3	P500,V	110	198.0	31.1	1.0	35.3	1,068.7	8
Wyffels	W6878 GC	STX	P250	110	196.9	30.2	1.0	30.4	1,067.2	9
AgriGold	A6473STX	STX	P500,V	109	195.7	29.0	1.0	32.0	1,066.6	10
Gold Country	110-35	VT3	P250	110	195.0	28.7	1.0	33.6	1,064.2	11
G2 Genetics	5H-0701^	HX,RR2	C250	106	194.8	27.1	1.0	32.0	1,070.9	7
Channel	209-77VT3	VT3	P500,V	109	193.8	29.0	1.0	35.3	1,056.2	12
Titan Pro	81A10	CB/LL/RW	C250	110	192.2	29.8	1.0	37.7	1,043.6	15
Great Lakes	5939G3VT3	VT3	P500,V	109	192.1	29.1	1.0	34.4	1,046.5	13
Steyer	10903	VT3P	P250	109	191.9	29.7	1.0	34.4	1,042.5	16
Titan Pro	1111	none	C250	111	191.6	28.8	2.0	33.6	1,045.2	14
NK Brand	N63R-3000GT GC	3000GT	C250	109	190.3	27.9	1.0	36.1	1,042.4	17
Great Lakes	5770VT3PRO	VT3P	P500,V	107	189.5	27.8	1.0	36.1	1,038.5	18
LG Seeds	LG2549VT3	VT3	P500,V	109	189.0	30.8	1.0	33.6	1,021.5	21
FS Seeds	FS 60TV4	VT3P	C250	110	188.4	28.6	1.0	36.9	1,028.7	19
Steyer	10901	STX	P250	109	186.3	30.9	1.0	31.2	1,006.5	23
Stine	9731VT3Pro*	VT3P	C250	110	186.2	32.5	1.0	34.4	998.5	26
Renk	RK795VT3P	VT3P	P250	109	184.3	27.3	1.0	30.3	1,012.3	22
AgriGold	A6476VT3Pro	VT3P	P500,V	110	183.8	28.9	1.0	34.4	1,002.2	25
Renk	RK818VT3P	VT3P	P250	108	183.5	27.8	1.0	33.6	1,005.6	24
AgriGold	A6458VT3	VT3	P500,V	110	183.2	30.1	1.0	33.6	993.4	27
Channel	209-85VT3P	VT3P	P500,V	109	182.4	30.1	1.0	32.0	989.1	28
Fontanelle	6V879	VT3P	P500,V	107	179.9	27.1	1.0	30.3	989.0	29
G2 Genetics	5X-909^*	HXT,RR2	C250	109	178.9	28.0	1.0	35.3	979.5	30
Wyffels	W5077	VT3P	P250	107	178.3	27.4	1.0	33.6	978.9	31
Pioneer	P0533XR CK	HXT,RR2	C250	105	187.1	27.1	1.0	31.2	1,028.6	20
Test Average =					<b>183.5</b>	<b>29.1</b>	<b>1.0</b>	<b>34.1</b>	<b>1,000.0</b>	
LSD (0.10) =					19.5	2.4	0.5			
C.V. =					7.8	6.1				



F.I.R.S.T. Manager

**TEST COMMENTS:** This corn-on-corn site revealed weaknesses of some hybrids to both Gray leaf spot and Northern leaf blight. Symptoms of these diseases were severe in some cases and prevented top end yields. A mid-season visit noted high populations of Western Corn Rootworm beetles doing some silk feeding. There was between 0.5 to 1.5 inches of tip dieback throughout the site. Lat: N42.49141, Long: W-93.32088

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## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers 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®

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