

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

Andrew Nicholas, Cerro Gordo County, IA 50428 [MASON CITY]

EARLY SEASON TEST
101 - 106 Day CRM

PREV. CROP/HERB: Corn, 2+ yr / Bicep II Magnum, Laudis B1IANC08a
 SOIL DESCRIPTION: Kenyon-Readlyn silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.5 pH, 4% OM
 PEST MANAGEMENT: Volley ATZ, Laudis, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 12 Fall, 200 Spring,
 Applied N-P-K (units): 212-40-80
 SEEDED - RATE: May 11 35,100 /A TOP 30 OF 78 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 18 33,700 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P0210HR GC	HX,RR2	P1250,V	102	194.0	14.9	11.7	31.2	1,125.2	1
Kruger	K-6201VT3	VT3	P500,V	101	192.8	16.2	29.7	33.6	1,107.1	2
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	188.8	16.1	3.0	34.4	1,085.1	4
Dekalb	DKC53-78 GC	STX	P250	103	188.1	14.4	19.0	32.0	1,091.0	3
Fielders Choice	NG6731	VT3	P250	107	186.5	16.3	4.0	35.3	1,070.1	5
Trelay	6VT154	VT3	P500,V	102	185.0	15.9	32.0	32.8	1,065.0	6
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	184.4	16.2	3.0	32.0	1,058.9	7
Fontanelle	5T426	VT3	P250	102	183.2	16.2	26.0	34.4	1,052.0	8
Fontanelle	6V577	VT3P	P250	103	180.6	16.1	12.7	32.0	1,037.9	13
FS Seeds	FS 53TV4	VT3P	C250	103	180.4	15.1	49.7	36.1	1,045.5	10
Dekalb	DKC55-09 GC	STX	P250	105	179.3	16.4	9.7	34.4	1,027.9	16
G2 Genetics	5H-502^*	HX,RR2	C250	102	179.1	15.0	7.3	34.4	1,038.8	11
Epley	E1418GT3000	3000GT	C250	104	179.1	14.2	9.7	34.4	1,038.8	12
Renze	2222-3000GT*	3000GT	C250	104	178.5	15.5	8.0	28.7	1,031.0	15
Gold Country	101-99	STX	P250	104	178.0	14.6	3.0	28.7	1,032.4	14
Cornelius	C344VT3P	VT3P	C250	103	177.1	14.7	12.7	34.4	1,027.2	17
Gold Country	103-09	VT3	P250	103	176.7	16.3	13.7	37.7	1,013.8	19
G2 Genetics	5H-905^	HX,RR2	C250	105	175.3	14.3	7.3	32.0	1,016.7	18
Wyffels	W4267	VT3P	P250	105	175.1	15.8	9.7	32.0	1,008.9	20
Kruger	K4-9302	STX	P500,V	102	174.6	16.0	9.7	34.4	1,004.3	22
Jung	7S555	STX	P500	102	174.3	15.9	5.7	33.6	1,003.4	23
Croplan	5237SS GC	STX	C250	102	173.5	15.0	7.3	33.6	1,006.3	21
Croplan	5338VT3 GC	VT3	C250	103	171.7	16.1	22.0	36.1	986.8	25
Jung	7V570	VT3P	P500	105	171.5	14.7	9.7	33.6	994.7	24
Pfister	2223SS	STX	C250,AV	104	169.8	13.8	4.7	32.8	984.8	26
AgriGold	A6323GT3	3000GT	P500,V	103	168.0	15.2	8.0	35.2	972.8	27
Great Lakes	5157G3VT3	VT3	P500,V	101	167.5	15.9	9.7	32.8	964.3	30
Renze	CX17104RR2*	RR2	P250	104	166.9	13.6	9.7	35.2	968.0	28
Renk	RK708VT3P	VT3P	P250	105	166.6	14.6	25.0	32.0	966.3	29
FS Seeds	FS 54VX1	STX	C250	104	166.3	15.3	15.0	35.2	962.1	31
Pioneer	P0533XR CK	HXT,RR2	C250	105	182.9	16.6	16.7	31.2	1,046.8	9
					Test Average =	162.7	15.4	21.0	33.7	938.7
					LSD (0.10) =	15.7	1.0	20.6		
					C.V. =	7.1	4.8			

TEST COMMENTS: Differences in late-season standability were very apparent in this continuous corn site where stalk integrity was going down hill fast. The hybrids were exposed Western corn rootworm silk feeding, a few disease outbreaks, and hot weather during early R stages resulting in short ears. Top hybrids needed tolerance to Gray leaf spot, Eyespot and Stewart's disease. Lat: N43.1642, Long: W-93.31174

Yield & Income Factors:	Base Moisture = 15.0%	Shrink = 1.5	Drying = \$0.048	Price = \$5.80
[†] 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				

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Andrew Nicholas, Cerro Gordo County, IA 50428 [MASON CITY]

FULL SEASON TEST
107 - 110 Day CRM

B1IANC08b

PREV. CROP/HERB: Corn, 2+ yr / Bicep II Magnum, Laudis
 SOIL DESCRIPTION: Kenyon-Readlyn silty clay loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM
 PEST MANAGEMENT: Volley ATZ, Laudis, Force 3G
 FERTILITY - Applied N: 12 Fall, 200 Spring,
 Applied N-P-K (units): 212-40-80

30" ROW SPACING

SEEDED - RATE: May 11 35,100 /A
 HARVESTED - STAND: Oct 18 33,900 /A

TOP 30 OF 54 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
FS Seeds	FS 60TV4	VT3P	C250	110	212.6	16.6	6.0	36.9	1,216.8	1
Kruger	K-7907	VT3P	P500,V	107	199.3	16.0	3.7	36.9	1,146.4	2
Steyer	10901	STX	P250	109	196.5	17.0	4.7	33.6	1,120.8	3
Renk	RK795VT3P	VT3P	P250	109	194.1	16.6	2.0	35.3	1,110.9	4
Channel	209-77VT3	VT3	P500,V	109	193.6	16.3	2.0	32.0	1,110.8	5
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	191.3	16.8	4.7	32.0	1,093.0	6
Fontanelle	6V879	VT3P	P500,V	107	188.7	15.7	2.0	32.8	1,088.1	7
Wyffels	W6871	VT3	P250	110	187.6	17.3	24.7	31.2	1,067.4	12
Channel	209-85VT3P	VT3P	P500,V	109	187.1	16.4	14.3	31.2	1,072.6	9
LG Seeds	LG2549VT3	VT3	P500,V	109	186.7	16.0	4.7	32.8	1,073.9	8
G2 Genetics	5H-0701^	HX,RR2	C250	106	186.2	16.4	3.7	32.0	1,067.4	13
AgriGold	A6458VT3	VT3	P500,V	110	186.1	16.0	3.0	36.9	1,070.4	10
NK Brand	N63R-3000GT GC	3000GT	C250	109	186.1	16.7	4.0	34.4	1,064.2	14
LG Seeds	LG2555VT3	VT3	P500,V	110	185.5	16.9	6.3	36.1	1,059.0	17
G2 Genetics	5X-908^*	HXT,RR2	C250	108	184.8	17.3	2.0	35.2	1,051.4	20
Cornelius	C594VT3P	VT3P	P250	109	184.5	16.0	3.0	33.6	1,061.2	15
NuTech	5B-1003*	GT/CB/LL	C250	110	184.3	16.4	3.0	33.6	1,056.6	18
Gold Country	107-17	VT3P	P250	107	183.7	15.7	2.0	33.6	1,059.3	16
Titan Pro	81A10	CB/LL/RW	C250	110	183.6	16.1	3.7	32.0	1,055.2	19
AgriGold	A6476VT3Pro	VT3P	P500,V	110	183.1	16.2	7.3	35.3	1,051.4	21
Dairyland	ST-9210SSX	STX	C250	110	182.5	16.2	38.0	35.3	1,048.0	22
G2 Genetics	5X-909^*	HXT,RR2	C250	109	181.1	17.5	3.0	35.2	1,028.6	26
Channel	210-61VT3	VT3	P500,V	110	180.9	17.2	4.7	32.0	1,030.1	25
Great Lakes	5770VT3PRO	VT3P	P500,V	107	179.0	15.9	4.7	33.6	1,030.5	24
Kruger	K-6408VT3	VT3	P500,V	108	178.9	16.1	19.0	33.6	1,028.2	27
Great Lakes	5939G3VT3	VT3	P500,V	109	178.4	15.2	3.0	33.6	1,033.0	23
Stine	9731VT3Pro*	VT3P	C250	110	178.1	17.2	7.3	33.6	1,014.2	30
AgriGold	A6473STX	STX	P500,V	109	178.0	16.8	13.7	30.3	1,017.0	28
Steyer	10903	VT3P	P250	109	177.8	16.7	3.7	35.3	1,016.7	29
Kruger	K4-9710	STX	P500,V	110	176.1	16.3	1.0	36.9	1,010.4	31
Pioneer	P0533XR CK	HXT,RR2	C250	105	186.6	16.6	11.3	32.8	1,067.9	11
Test Average =					177.7	16.3	10.1	33.9	1,018.9	
LSD (0.10) =					15.1	1.1	12.5			
C.V. =					6.2	4.8				



F.I.R.S.T. Manager

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^{††} 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: 10/19/2011

Revised:



Footnotes, Abbreviations, and Trademarks

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^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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