



**2010 BETTER HYBRIDS Harvest Report for Iowa North Central [ IANC ]**

Jeff 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 BOIANC23a  
 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: Bicep II Magnum, Laudis, Force 30" ROW SPACING  
 FERTILITY - Applied N: 100 Fall, 80 Sidedress,  
 Applied N-P-K (units): 180-0-0  
 SEEDED - RATE: Apr 29 35,100 /A TOP 30 OF 66 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 11 33,400 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	101-99	SS	P250	209.2	16.1	1.0	33.5	\$827.6	1
Cornelius	C447VT3	VT3	P250	208.5	15.9	2.0	35.3	\$826.5	2
AgriGold	A6389VT3	VT3	P250	204.5	16.1	1.0	32.5	\$809.0	3
LG Seeds	LG2529VT3Pro	VT3P	P250	199.8	15.2	1.0	35.3	\$797.6	4
Dairyland	ST9006	VT3	P250	199.8	16.6	1.0	34.4	\$786.4	7
Renze	1219VT3	VT3	C250	199.4	15.7	1.0	36.2	\$792.0	6
Great Lakes	5643VT3PRO	VT3P	P250	199.3	15.6	3.7	34.4	\$792.4	5
LG Seeds	LG2532VT3	VT3	P250	198.2	15.9	1.0	35.3	\$785.7	9
Jung	7S555	SS	P250	198.0	15.8	1.0	34.4	\$785.7	8
Gold Country	101-01	VT3	P250	197.6	16.0	1.0	35.3	\$782.5	10
Trelay	6VT154	VT3	P250	196.2	16.2	1.0	30.7	\$775.4	13
FS Seeds	FS53SV3	VT3	P250	194.9	15.8	1.0	33.5	\$773.4	15
Gold Country	102-05	VT3	P250	194.6	15.4	1.0	35.3	\$775.3	14
Cornelius	C319VT3	VT3	P250	194.3	15.2	1.0	35.3	\$775.6	11
NuTech	3T-401A	VT3	C250	193.8	15.8	1.0	32.5	\$769.0	16
Channel	199-55VT3	VT3	P250	193.7	14.9	1.0	35.3	\$775.6	12
Jung	7520VT3	VT3	P250	193.2	16.0	1.0	30.7	\$765.1	17
Stine	9523VT3	VT3	P250	191.4	15.8	1.0	35.3	\$759.5	18
Jung	7610VT3	VT3P	P250	191.2	16.2	1.0	31.6	\$755.6	21
Wyffels	W2751	VT3	P250	190.8	15.6	1.0	36.2	\$758.6	20
Mycogen	2J597	SS	C250	190.2	16.2	6.0	33.5	\$751.7	23
Channel	201-16VT3	VT3	P250	190.1	15.7	1.0	35.3	\$755.1	22
FS Seeds	FS56SV3	VT3	P250	189.9	16.3	1.0	33.5	\$749.7	24
NuTech	G2 5X-500A^	HXT,RR2	C250	189.3	14.7	3.7	34.4	\$759.5	19
LG Seeds	LG2510STX	SS	P250	188.9	16.1	1.0	36.2	\$747.3	26
AgriGold	A6276VT3	VT3	P250	188.3	15.7	1.0	31.6	\$747.9	25
Kruger	K-6102VT3	VT3	C250	186.7	15.7	1.0	33.5	\$741.6	28
AgriGold	A6309STX	SS	P250	186.3	16.1	1.0	31.6	\$737.0	29
Trelay	6ST576	SS	P250	186.0	16.1	1.0	30.7	\$735.8	31
Trelay	5VP688	VT3P	P250	183.5	14.7	2.0	35.3	\$736.2	30
Pioneer	35K04 CK	HXT,RR2	P250	188.5	16.4	3.0	31.6	\$743.4	27
Test Average =				183.1	15.9	2.1	33.4	\$725.7	
LSD (0.10) =				18.3	0.4	3.5			
C.V. =				7.4	1.8				

**TEST COMMENTS:** This site had adequate rain from planting through mid-July. There were some curled ear tips and tip dieback observed, indicating some stress during early kernel development. However, kernel depth was still good after another dose of needed rains in September. No known diseases were present in this field. Lat: N43.16294, Long: W93.31092

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.040 Price = \$4.00

<sup>†</sup> TECHNOLOGY: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P  
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

<sup>††</sup> IST: AVC - Avicta Complete, 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 chosen product, \* = brands without a seed lot number ns = not significantly different

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

PREV. CROP/HERB: Corn, 2+ yr / Bicep II Magnum, Laudis BOIANC23b  
 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: Bicep II Magnum, Laudis, Force 30" ROW SPACING  
 FERTILITY - Applied N: 100 Fall, 80 Sidedress,  
 Applied N-P-K (units): 180-0-0  
 SEEDED - RATE: Apr 29 35,100 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 11 33,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Gold Country	110-35	VT3	P250	<b>228.1</b>	17.1	1.0	35.3	\$893.2	1
Kruger	K-6010VT3	VT3	C250	<b>215.5</b>	17.1	1.0	35.3	\$843.9	2
Dyna-Gro	57V40	VT3	P250	<b>212.7</b>	18.0	1.0	35.3	\$825.3	3
Channel	209-77VT3	VT3	P250	<b>209.9</b>	17.2	1.0	35.3	\$821.1	4
Wyffels	W6871	VT3	P250	<b>207.5</b>	18.4	1.0	34.4	\$801.8	6
Wyffels	W6261	VT3	P250	<b>206.4</b>	18.0	1.0	31.6	\$800.8	8
Dyna-Gro	V4993VT3	VT3	P250	<b>205.0</b>	16.8	1.0	28.8	\$805.2	5
NuTech	G2 5H-608^	HX,RR2	C250	203.4	17.1	1.0	31.6	\$796.5	9
Renze	7270RR2	RR2	C250	203.3	16.5	1.0	31.6	\$801.0	7
Channel	210-61VT3	VT3	P250	200.1	19.2	1.0	29.8	\$766.8	13
Kruger	K-6408VT3	VT3	P250	199.6	17.1	1.0	31.6	\$781.6	10
NuTech	G2 5X-509^	HXT,RR2	C250	198.3	17.5	1.0	32.6	\$773.4	11
Channel	209-19VT3	VT3	P250	196.1	17.0	2.0	30.7	\$768.7	12
Stine	9531VT3Pro	VT3P	P250	194.4	18.3	1.0	31.6	\$751.9	16
Dairyland	ST9410	VT3	C250	193.0	18.5	1.0	32.5	\$745.0	19
Renze	1300VT3	VT3	C250	192.7	17.7	1.0	36.2	\$750.0	17
FS Seeds	FS57SV3	VT3	P250	191.1	15.7	2.0	32.6	\$759.0	15
Dekalb	DKC52-59 GC	VT3	P250	190.9	15.0	1.0	34.4	\$763.6	14
Mycogen	2C641	RR2	C250	188.5	16.0	1.0	34.4	\$746.5	18
LG Seeds	LG2549VT3	VT3	P250	186.6	17.0	1.0	31.6	\$731.5	20
Cornelius	C510	None	C250	181.8	17.0	1.0	37.2	\$712.7	23
NuTech	G2 5H-007^	HX,RR2	C250	180.5	16.5	1.0	29.8	\$711.2	24
AgriGold	A6384VT3Pro	VT3P	P250	179.4	15.0	1.0	32.6	\$717.6	22
Stine	9528VT3Pro	VT3P	P250	179.4	19.6	1.0	30.7	\$684.6	31
AgriGold	A6458VT3	VT3	P250	178.5	16.9	3.7	38.1	\$700.4	26
FS Seeds	FS60MV4	VT3P	P250	177.8	16.7	1.0	37.2	\$699.1	27
NuTech	3A-406A	GT	C250	177.7	16.2	1.0	31.6	\$702.3	25
LG Seeds	LG2547VT3	VT3	P250	176.0	17.7	1.0	32.5	\$685.0	30
FS Seeds	FS60S44	3000GT	P250	175.4	16.4	1.0	31.6	\$691.8	28
FS Seeds	FS59SX1	SS	P250	174.4	16.8	1.0	34.4	\$685.0	29
Pioneer	35K04 CK	HXT,RR2	P250	183.2	16.3	6.0	36.2	\$723.3	21
Test Average =				<b>184.1</b>	<b>17.2</b>	<b>1.4</b>	<b>33.5</b>	<b>\$720.2</b>	
LSD (0.10) =				20.0	1.1	2.4			
C.V. =				8.0	4.6				

**TEST COMMENTS:** *This site had adequate rain from planting through mid-July. There were some curled ear tips and tip dieback observed, indicating some stress during early kernel development. However, kernel depth was still good after another dose of needed rains in September. No known diseases were present in this field.*
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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 chosen product, \* = brands without a seed lot number **ns** = not significantly different



## Footnotes, Abbreviations, and Trademarks

### Brand Footnotes

^G2<sup>®</sup> brand seed is distributed by NuTech Seed, LLC. HPT<sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM<sup>®</sup> brand seed is distributed by Doebler's PA Seed. XL<sup>™</sup> brand seed is distributed by Beck's Superior Hybrids. G2<sup>®</sup>, HPT<sup>®</sup>, RPM<sup>®</sup>, and XL<sup>™</sup> are trademarks of Pioneer Hi-Bred.

### Technologies

3110	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3110
3111	Agrisure <sup>®</sup> Viptera <sup>™</sup> 3111
3000GT	Agrisure <sup>®</sup> 3000GT
CB/LL	Agrisure <sup>®</sup> CB/LL
CB/LL/RW	Agrisure <sup>®</sup> CB/LL/RW
GT	Agrisure <sup>®</sup> GT
GT/CB/LL	Agrisure <sup>®</sup> GT/CB/LL
HX	HERCULEX <sup>®</sup> I Insect Protection
HXT	HERCULEX <sup>®</sup> XTRA Insect Protection
LL	LibertyLink <sup>®</sup>
RR	Roundup Ready <sup>®</sup> Soybeans
RR2	Roundup Ready <sup>®</sup> Corn 2
RR2Y	Genuity <sup>™</sup> Roundup Ready 2 Yield <sup>®</sup>
SS	Genuity <sup>™</sup> SmartStax <sup>™</sup>
STS	STS <sup>®</sup>
VT2	YieldGard VT Rootworm/RR2 <sup>™</sup>
VT2P	Genuity <sup>™</sup> VT Double PRO <sup>™</sup>
VT3	YieldGard VT Triple <sup>®</sup>
VT3P	Genuity <sup>™</sup> VT Triple PRO <sup>™</sup>
YGCB	YieldGard <sup>®</sup> Corn Borer
YGCB,RR2	YieldGard <sup>®</sup> Corn Borer/Roundup Ready <sup>®</sup> Corn 2
YGPL,RR2	YieldGard <sup>®</sup> Plus/Roundup Ready <sup>®</sup> Corn 2
YGRW,RR2	YieldGard <sup>®</sup> Rootworm/Roundup Ready <sup>®</sup> Corn 2

### Seed Treatments

AC	Acceleron <sup>®</sup>
AM	ApronMaxx <sup>®</sup>
AP	Apron XL <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn
C	Cruiser <sup>®</sup>
CM	CruiserMaxx <sup>®</sup>
E	Excalibre <sup>™</sup>
ES	Escalate <sup>™</sup>
I	Inovate <sup>™</sup> System
O	Optimize <sup>®</sup>
P	Poncho <sup>®</sup>
T	Trilex <sup>®</sup>
T6	Trilex <sup>®</sup> 6000
V	Votivo <sup>™</sup>

### Trademarks

- Excalibre<sup>™</sup> is a trademark of Advanced Biological Marketing
- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
- Escalate<sup>™</sup> is a trademark of Beck's Superior Hybrids
- Herculex<sup>®</sup> is a trademark of Dow AgroSciences LLC.
- STS<sup>®</sup> is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
- Acceleron<sup>®</sup>, Genuity<sup>®</sup>, Roundup Ready<sup>®</sup>, Roundup Ready 2 Yield<sup>®</sup>, SmartStax<sup>™</sup>, VT Double PRO<sup>™</sup>, VT Triple PRO<sup>™</sup>, YieldGard<sup>®</sup>, YieldGard VT Rootworm/RR2<sup>™</sup>, and YieldGard VT Triple<sup>®</sup> are trademarks of Monsanto Technology LLC.
- Agrisure<sup>®</sup>, ApronMaxx<sup>®</sup>, ApronXL<sup>®</sup>, Avicta<sup>®</sup>, Cruiser<sup>®</sup>, and CruiserMaxx<sup>®</sup> are trademarks of Syngenta.
- Inovate<sup>™</sup> System is a trademark of Valent