

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

Kevin Lockard, Fayette County, IA 50662 [ OELWEIN ]

**101 - 106 Day CRM**

PREV. CROP/HERB: Corn / Glyphos BOIANC19a  
 SOIL DESCRIPTION: Kenyon loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.5% OM  
 PEST MANAGEMENT: Harness Xtra, Headline, Warrior, Force 30" ROW SPACING  
 FERTILITY - Applied N: 110 Fall, 21 Spring, 60 Sidedress,  
 Applied N-P-K (units): 191-50-50  
 SEEDED - RATE: May 3 33,600 /A TOP 30 of 66 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 30 32,800 /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
Jung	7S555	SS	P250	210.5	22.7	4.0	32.5	\$777.2	1
Jung	7610VT3	VT3P	P250	209.5	23.5	4.0	32.5	\$766.8	2
Channel	205-94VT3	VT3	P250	208.4	24.3	4.0	31.6	\$756.1	3
Gold Country	101-99	SS	P250	203.9	23.1	4.0	33.5	\$749.5	5
Stine	9523VT3	VT3	P250	202.4	22.6	4.0	32.6	\$748.1	6
Mycogen	2J597	SS	C250	200.4	23.9	4.0	34.4	\$730.3	10
Trelay	5VP688	VT3P	P250	199.2	20.4	4.0	34.4	\$753.8	4
AgSource	3T-603A	VT3	C250	199.2	24.4	4.0	33.5	\$721.9	13
Kruger	K-6201VT3	VT3	P250	198.8	23.4	4.0	34.4	\$728.4	11
NuTech	3T-401A	VT3	C250	197.8	21.9	4.0	34.4	\$736.6	8
Channel	201-16VT3	VT3	P250	197.0	21.3	4.0	34.4	\$738.4	7
Cornelius	C319VT3	VT3	P250	196.3	21.6	4.0	33.5	\$733.4	9
Cornelius	C447VT3	VT3	P250	194.7	21.8	4.0	31.6	\$725.8	12
Trelay	6ST576	SS	P250	194.7	23.2	4.0	33.5	\$714.9	16
Dairyland	ST9006	VT3	P250	194.4	22.9	4.0	33.5	\$716.2	15
AgSource	5N-804A	3000GT	C250	194.3	22.3	4.0	33.5	\$720.5	14
FS Seeds	FS56SV3	VT3	P250	192.9	23.0	4.0	32.5	\$709.9	20
NuTech	G2 5H-404^	HX,RR2	C250	192.2	22.6	4.0	27.9	\$710.4	18
Fontanelle	4A918	SS	P250	190.4	21.5	4.0	33.5	\$712.1	17
Wyffels	W2681	VT3	P250	189.9	21.5	4.0	34.4	\$710.2	19
Great Lakes	5643VT3PRO	VT3P	P250	189.8	21.7	4.0	33.4	\$708.3	21
LG Seeds	LG2529VT3Pro	VT3P	P250	188.8	21.4	4.0	32.6	\$706.9	23
Viking	B53-03R	VT3	P250	188.5	22.8	4.0	34.4	\$695.2	27
Jung	7520VT3	VT3	P250	188.4	22.7	4.0	31.6	\$695.6	26
Kruger	K-6102VT3	VT3	C250	188.1	21.0	4.0	34.4	\$707.3	22
Trelay	6VT154	VT3	P250	187.1	22.6	4.0	27.9	\$691.5	28
LG Seeds	LG2510STX	SS	P250	187.0	22.8	4.0	30.7	\$689.7	29
Gold Country	103-09	VT3	P250	185.9	22.4	4.0	30.7	\$688.6	30
Gold Country	102-05	VT3	P250	185.8	20.5	4.0	29.8	\$702.3	25
LG Seeds	LG2532VT3	VT3	P250	184.6	22.0	4.0	28.8	\$686.7	31
Pioneer	35K04 CK	HXT,RR2	P250	192.9	23.8	4.0	32.5	\$703.7	24
Test Average =				184.1	22.4	4.0	32.8	\$681.6	
LSD (0.10) =				17.3	1.1	n.s.			
C.V. =				6.9	3.5				

**TEST COMMENTS:** *Stands at this location were excellent, good even emergence and the plot got off to a great start. There was a large amount of rootworm pressure in fields surrounding the plot. The entire plot area was standing excellent but stalk rots were starting to work on the early maturity hybrids pretty good.*

Lat: N42.74398, Long: W91.88284

Yield &amp; 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

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

Kevin Lockard, Fayette County, IA 50662 [ OELWEIN ]

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

B0IANC19b

PREV. CROP/HERB: Corn / Glyphos  
 SOIL DESCRIPTION: Kenyon loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: Moderate P, moderate K, 6.5 pH, 3.5% OM  
 PEST MANAGEMENT: Harness Xtra, Headline, Warrior, Force  
 FERTILITY - Applied N: 110 Fall, 21 Spring, 60 Sidedress,  
 Applied N-P-K (units): 191-50-50

30" ROW SPACING

SEEDED - RATE: May 3 33,600 /A  
 HARVESTED - STAND: Sep 30 33,300 /A

**TOP 30 of 48 FOR GROSS INCOME (SORTED BY YIELD)**

AVERAGE of (3) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6458VT3	VT3	P250	<b>207.7</b>	26.2	4.0	35.3	\$737.8	1
Wyffels	W6871	VT3	P250	<b>203.9</b>	26.2	4.0	31.6	\$724.3	2
Channel	209-19VT3	VT3	P250	<b>201.1</b>	25.6	4.0	34.4	\$719.1	3
Channel	210-61VT3	VT3	P250	<b>199.0</b>	26.6	4.0	32.5	\$703.7	6
Gold Country	110-35	VT3	P250	<b>197.6</b>	25.3	4.0	33.5	\$709.0	4
Kruger	K-6010VT3	VT3	C250	196.1	25.3	4.0	30.7	\$703.6	7
NuTech	G2 5X-509 <sup>^</sup>	HXT,RR2	C250	193.8	26.0	4.0	31.6	\$689.9	9
Dairyland	ST9410	VT3	C250	193.0	25.7	4.0	34.4	\$689.4	11
Channel	209-77VT3	VT3	P250	192.2	24.8	4.0	30.7	\$693.5	8
NuTech	G2 5X-007A <sup>^</sup>	HXT,RR2	C250	191.6	23.1	4.0	34.4	\$704.3	5
Wyffels	W7071	VT3	P250	190.7	26.4	4.0	33.5	\$675.8	14
LG Seeds	LG2548VT3	VT3	P250	190.6	27.1	4.0	33.4	\$670.1	16
NuTech	3A-406A	GT	C250	189.9	24.2	4.0	32.6	\$689.7	10
LG Seeds	LG2555VT3	VT3	P250	188.1	26.5	4.0	34.4	\$665.9	18
Dyna-Gro	V4993VT3	VT3	P250	187.5	24.7	4.0	31.6	\$677.3	13
Great Lakes	5939G3VT3	VT3	P250	186.5	25.8	4.0	34.4	\$665.4	19
LG Seeds	LG2549VT3	VT3	P250	185.7	26.0	4.0	33.4	\$661.1	20
Dyna-Gro	57V40	VT3	P250	185.3	26.2	4.0	30.7	\$658.2	21
FS Seeds	FS60MV4	VT3P	P250	184.4	24.5	4.0	31.6	\$667.5	17
Wyffels	W6261	VT3	P250	183.1	26.3	4.0	33.5	\$649.6	24
Dekalb	DKC52-59 GC	VT3	P250	181.2	21.4	4.0	33.5	\$678.4	12
FS Seeds	FS60S44	3000GT	P250	180.9	25.7	4.0	31.6	\$646.2	25
Stine	9528VT3Pro	VT3P	P250	179.2	26.7	4.0	31.6	\$632.9	28
NuTech	1N-109	CB/LL/RW	C250	177.9	23.5	4.0	34.4	\$651.1	22
NuTech	G2 5H-608 <sup>^</sup>	HX,RR2	C250	177.4	26.0	4.0	29.8	\$631.5	30
Mycogen	2D692	SS	C250	176.8	25.5	4.0	33.5	\$632.9	29
Cornelius	C510	None	C250	176.4	22.8	4.0	35.3	\$650.6	23
Dairyland	ST9710SSX	SS	C250	176.2	24.9	4.0	33.5	\$635.0	27
Mycogen	2C641	RR2	C250	173.5	24.1	4.0	33.5	\$630.8	31
AgriGold	A6384VT3Pro	VT3P	P250	173.4	22.8	4.0	34.4	\$639.5	26
Pioneer	35K04 CK	HXT,RR2	P250	185.2	24.3	4.0	31.6	\$671.9	15
Test Average =				<b>180.6</b>	<b>25.1</b>	<b>4.0</b>	<b>33.3</b>	<b>\$648.9</b>	
LSD (0.10) =				16.4	1.1	n.s.			
C.V. =				6.7	3.1				

**TEST COMMENTS:** *Stands at this location were excellent, good even emergence and the plot got off to a great start. There was a large amount of rootworm pressure in fields surrounding the plot. The entire plot area was standing excellent but stalk rots were starting to work on the early maturity hybrids pretty good.*

Lat: N42.74398, Long: W91.88284

Yield &amp; 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

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2010

Report Date: 10/2/2010

Revised:



## 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