

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**  
 Tom Vittetoe, Washington County, IA 52353 [ WASHINGTON ]

**EARLY SEASON TEST**  
**105 - 110 Day CRM**

PREV. CROP/HERB: Soybean / Roundup BOIAEC28a  
 SOIL DESCRIPTION: Taintor silty clay loam, mod. well drained, no-till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 4.2% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Force, Headline 30" ROW SPACING  
 FERTILITY - Applied N: 90 Planter, 90 Sidedress,  
 Applied N-P-K (units): 180-0-0  
 SEEDING - RATE: Apr 21 34,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 21 32,400 /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
<b>Stone</b>	<b>6N52VT3</b>	<b>VT3</b>	<b>P250</b>	<b>220.9</b>	<b>21.8</b>	<b>2.0</b>	<b>31.9</b>	<b>\$1,014.4</b>	<b>1</b>
Kruger	K-6010VT3	VT3	C250	216.7	20.8	1.0	34.3	\$1,008.1	2
Dekalb	DKC59-35 GC	VT3	P250	216.1	21.5	1.0	33.8	\$996.2	5
LG Seeds	LG2549VT3	VT3	P250	214.4	23.7	1.0	32.0	\$960.1	9
Kruger	K-6107VT3	VT3	C250	213.9	20.1	1.0	30.9	\$1,004.0	3
Dekalb	DKC58-83 GC	VT3P	P250	211.9	20.6	1.0	33.9	\$988.3	6
NuTech	G2 5X-908^	HXT,RR2	C250	209.4	22.0	1.0	30.5	\$959.1	10
Channel	209-77VT3	VT3	P250	209.2	20.7	1.0	32.4	\$974.5	7
AgriGold	A6458VT3	VT3	P250	207.8	23.1	1.0	34.3	\$938.0	11
AgriGold	A6421STX	SS	P250	204.2	19.9	1.0	30.0	\$961.0	8
Fontanelle	7V657	VT3P	P250	203.0	22.4	1.0	33.8	\$924.9	15
NuTech	G2 5X-411^	HXT,RR2	C250	202.3	21.9	1.0	31.9	\$927.7	14
Wyffels	W5568	SS	P250	200.6	20.6	1.0	33.8	\$935.6	12
Titan Pro	1098	None	None	197.7	21.2	1.0	30.9	\$915.0	18
Merschman	M-1008S-13	SS	P500	197.4	19.9	1.0	35.3	\$929.0	13
Renze	1300VT3	VT3	C250	197.4	21.0	3.7	29.0	\$915.9	16
Wyffels	W6871	VT3	P250	197.3	22.1	1.0	33.8	\$902.5	23
AgriGold	A6384VT3Pro	VT3P	P250	196.3	21.2	1.0	30.9	\$908.5	20
NuTech	G2 5X-909^	HXT,RR2	C250	196.1	21.6	1.0	35.8	\$902.8	22
Withdrawn	EX709	VT3	P250	195.7	22.1	1.0	30.0	\$895.1	26
Renk	RK764SSTX	SS	P250	194.1	19.7	1.0	33.8	\$915.8	17
LG Seeds	LG2548VT3	VT3	P250	193.4	21.3	1.0	34.3	\$893.9	27
Great Lakes	5643VT3PRO	VT3P	P250	193.1	21.5	1.0	30.5	\$890.2	31
Fontanelle	7A108	SS	P250	192.7	19.9	1.0	33.4	\$906.8	21
Mycogen	2C641	RR2	C250	192.6	19.6	1.0	32.9	\$909.8	19
NuTech	3A-710	GT	C250	191.4	20.6	1.0	31.9	\$892.7	28
Cornelius	C624VT3	VT3	C250	190.4	20.2	1.0	31.9	\$892.6	29
Channel	209-19VT3	VT3	P250	189.3	19.2	2.0	32.9	\$898.8	25
FS Seeds	FS59SX1	SS	P250	189.1	19.8	1.0	33.9	\$891.0	30
NuTech	G2 5X-007^	HXT,RR2	C250	189.0	19.0	1.0	30.5	\$899.6	24
<b>Pioneer</b>	<b>P1184XR CK</b>	<b>HXT,RR2</b>	<b>P250</b>	<b>216.7</b>	<b>21.3</b>	<b>1.0</b>	<b>33.8</b>	<b>\$1,001.6</b>	<b>4</b>
Test Average =				<b>187.7</b>	<b>20.6</b>	<b>1.4</b>	<b>32.4</b>	<b>\$874.6</b>	
LSD (0.10) =				15.4	0.7	1.7			
C.V. =				6.1	2.7				

**TEST COMMENTS:** Rainfall was very high at this plot location. Fortunately, the test was located such that drainage was good.

Anthracoze was present with stalk quality deteriorating very quickly. Little to no foliar disease pressure was observed. Excellent consistent yield results.

Lat: N41.30902, Long: W91.64916

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.060 Price = \$5.00

<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)

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Report Date: 9/23/2010

Revised:

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**  
 Tom Vittetoe, Washington County, IA 52353 [ WASHINGTON ]

**FULL SEASON TEST**  
**111 - 114 Day CRM**

PREV. CROP/HERB: Soybean / Roundup B0IAEC28b  
 SOIL DESCRIPTION: Taintor silty clay loam, mod. well drained, no-till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 4.2% OM  
 PEST MANAGEMENT: Corvus, Atrazine, Force, Headline 30" ROW SPACING  
 FERTILITY - Applied N: 90 Planter, 90 Sidedress,  
 Applied N-P-K (units): 180-0-0  
 SEEDED - RATE: Apr 21 34,000 /A TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Sep 21 33,100 /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
Stine	9806VT3Pro	VT3P	P250	223.9	28.3	1.0	31.4	\$940.8	12
Lewis	1011VT3	VT3	P250	223.0	23.0	1.0	30.5	\$1,008.0	1
AgriGold	A6553VT3	VT3	P250	221.1	26.3	1.0	34.8	\$955.6	8
Dyna-Gro	57V38	VT3	P250	218.1	22.9	1.0	31.9	\$987.1	3
FS Seeds	FS63MV4	VT3P	P250	216.9	24.7	1.0	35.8	\$958.3	7
LG Seeds	LG2620VT3	VT3	P250	216.0	25.0	1.0	32.4	\$950.4	11
Kruger	K-7614	VT3P	P250	215.2	23.1	1.0	32.9	\$971.4	4
Mycogen	2H735	RR2	C250	215.2	24.6	2.0	34.8	\$952.0	9
Stine	9726VT3Pro	VT3P	P250	215.2	27.6	1.0	33.8	\$913.3	23
Renze	1399VT3	VT3	C250	214.9	23.1	1.0	32.9	\$970.1	6
Wyffels	W8681	VT3	P250	213.0	28.3	1.0	37.3	\$895.0	29
Cornelius	C649VT3	VT3	P250	212.3	22.1	1.0	34.4	\$971.1	5
Trelay	8T468	VT3	P250	210.6	24.4	1.0	32.9	\$934.2	14
AgriGold	A6476VT3	VT3	P250	209.9	22.8	1.0	34.8	\$951.3	10
Fontanelle	8V437	VT3P	P250	209.5	23.8	1.0	31.4	\$936.9	13
Channel	214-14VT3P	VT3P	P250	208.6	24.7	1.0	33.8	\$921.6	19
Great Lakes	6354G3VT3	VT3	P250	208.4	25.6	1.0	32.4	\$909.5	25
Dyna-Gro	D52VP20*	VT3P	P250	208.0	24.0	1.0	33.9	\$927.7	17
<b>Stone</b>	<b>6223VT3</b>	<b>VT3</b>	<b>P250</b>	<b>207.1</b>	<b>24.5</b>	<b>4.0</b>	<b>31.4</b>	<b>\$917.5</b>	<b>21</b>
Withdrawn	EX714	VT3P	P250	206.5	25.1	1.0	31.0	\$907.4	26
Mycogen	2V732	VT3	C250	205.6	23.0	1.0	34.8	\$929.3	16
AgriGold	A6533VT3	VT3	P250	205.1	25.9	3.0	30.9	\$891.4	31
Kruger	K-1211RR	RR2	P250	203.1	21.9	1.0	33.8	\$931.4	15
Trelay	7VP745	VT3P	P250	202.9	22.6	1.0	35.3	\$922.0	18
Wyffels	W8430	RR2	P250	202.5	24.4	1.0	34.8	\$898.3	28
Merschman	Stine M-1012G-10*	VT3	P500	201.7	23.8	1.0	34.8	\$902.0	27
Kruger	K-6411VT3	VT3	C250	201.1	22.6	1.0	30.9	\$913.8	22
Wyffels	XW6927	RR2	P250	200.5	22.0	1.0	31.9	\$918.3	20
Withdrawn	EX711	RR2	P250	199.4	22.1	1.0	33.4	\$912.1	24
Dyna-Gro	57V40	VT3	P250	197.2	22.9	1.0	31.9	\$892.5	30
<b>Pioneer</b>	<b>P1184XR CK</b>	<b>HXT,RR2</b>	<b>P250</b>	<b>218.3</b>	<b>22.9</b>	<b>1.0</b>	<b>29.0</b>	<b>\$988.0</b>	<b>2</b>
Test Average =				<b>202.3</b>	<b>24.0</b>	<b>1.9</b>	<b>33.1</b>	<b>\$901.8</b>	
LSD (0.10) =				17.6	1.4	3.4			
C.V. =				6.4	4.4				

**TEST COMMENTS:** Rainfall was very high at this plot location. Fortunately, the test was located such that drainage was good. Anthracnose was present with stalk quality deteriorating very quickly. Little to no foliar disease pressure was observed. Excellent consistent yield results.

Lat: N41.30902, Long: W91.64916

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.060 Price = \$5.00

<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)

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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

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- LibertyLink<sup>®</sup>, Poncho<sup>®</sup>, Trilex<sup>®</sup>, and Votivo<sup>™</sup> are trademarks of Bayer.
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- Optimize<sup>®</sup> is a trademark of EMD Crop BioScience Inc.
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