

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**  
 Dan DeRycke, Poweshiek County, IA 52347 [ VICTOR ]

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

PREV. CROP/HERB: Soybean / Roundup BOIAEC30a  
 SOIL DESCRIPTION: Downs silt loam, well drained, minimum-till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.2 pH, 3.9% OM  
 PEST MANAGEMENT: Lumax, Force 30" ROW SPACING  
 FERTILITY - Applied N: 135 Fall, 28 Spring,  
 Applied N-P-K (units): 163-104-93  
 SEEDING - RATE: May 3 34,000 /A TOP 30 OF 72 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 15 33,900 /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
Wyffels	W6871	VT3	P250	236.8	16.2	1.0	34.8	\$1,171.2	1
Stine	9731VT3Pro	VT3P	P250	231.5	16.0	1.0	32.4	\$1,147.1	2
Channel	209-77VT3	VT3	P250	229.9	15.3	1.0	33.9	\$1,146.4	3
Channel	209-19VT3	VT3	P250	229.7	15.4	1.0	31.9	\$1,144.4	4
FS Seeds	FS60MV4	VT3P	P250	228.9	15.4	1.0	32.9	\$1,140.4	5
Kruger	K-6006VT3	VT3	C250	225.0	15.6	1.0	32.9	\$1,118.9	6
NuTech	G2 5X-411 <sup>^</sup>	HXT,RR2	C250	224.3	16.4	1.0	34.3	\$1,107.4	8
Lewis	910VT3	VT3	P250	222.4	15.3	1.0	32.9	\$1,109.0	7
Channel	208-72VT3	VT3	P250	221.7	15.3	1.0	31.4	\$1,105.5	9
AgriGold	A6458VT3	VT3	P250	221.3	15.7	1.0	35.8	\$1,099.5	10
Merschman	Stine M-1109D-10	VT3	P500	220.8	15.9	1.0	34.8	\$1,095.1	12
NuTech	3T-110	VT3	C250	220.8	16.3	1.0	32.9	\$1,091.1	14
Stone	6N52VT3	VT3	P250	220.7	15.6	1.0	31.4	\$1,097.5	11
Kruger	K-6010VT3	VT3	C250	219.5	15.5	1.0	33.8	\$1,092.6	13
Renze	1300VT3	VT3	C250	218.4	15.9	2.0	31.9	\$1,083.2	19
Titan Pro	80A10	CB/LL/RW	C250	218.2	15.4	2.0	34.3	\$1,087.1	17
Titan Pro	89A06GL	3000GT	C250	218.0	15.1	1.0	35.3	\$1,089.0	15
Withdrawn	EX709	VT3	P250	217.5	16.2	1.0	32.4	\$1,075.8	22
Channel	210-61VT3	VT3	P250	216.9	16.3	1.0	33.8	\$1,071.8	26
Great Lakes	5643VT3PRO	VT3P	P250	216.3	14.7	1.0	33.9	\$1,084.4	18
Trelay	7VP164	VT3P	P250	215.6	14.8	1.0	34.8	\$1,079.9	20
Titan Pro	80A08GL	3000GT	C250	215.6	15.6	1.0	33.8	\$1,072.2	25
Kruger	K-6107VT3	VT3	C250	215.2	15.3	1.0	33.4	\$1,073.1	24
Kruger	K-6408VT3	VT3	P250	215.1	14.8	1.0	32.9	\$1,077.4	21
Fontanelle	7V625	VT3P	P250	214.7	14.8	1.0	37.8	\$1,075.4	23
Wyffels	W6261	VT3	P250	214.1	15.2	1.0	34.8	\$1,068.6	27
Cornelius	C510	None	C250	213.6	15.2	1.0	34.3	\$1,066.1	28
NuTech	3A-710	GT	C250	213.5	15.4	1.0	35.8	\$1,063.7	29
Dekalb	DKC58-83 GC	VT3P	P250	213.0	15.2	1.0	34.8	\$1,063.1	30
Lewis	1107VT3	VT3	P250	212.3	14.9	1.0	33.8	\$1,062.5	31
Pioneer	P1184XR CK	HXT,RR2	P250	219.9	16.1	1.0	32.9	\$1,088.6	16
Test Average =				208.8	15.3	1.0	33.9	\$1,041.3	
LSD (0.10) =				12.9	0.3	0.5			
C.V. =				4.6	1.7				

**TEST COMMENTS:** *Very good drainage at this test location was critical for the success we had here. Great plot location. Plants were tall and healthy with most leaves intact at harvest. Ears were large with deep kernels and complete seed set. No weed control or disease issues were observed.*

Lat: N41.83386, Long: W92.29829

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 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

**2010 BETTER HYBRIDS Harvest Report for Iowa East Central [ IAEC ]**  
 Dan DeRycke, Poweshiek County, IA 52347 [ VICTOR ]

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

PREV. CROP/HERB: Soybean / Roundup  
 SOIL DESCRIPTION: Downs silt loam, well drained, minimum-till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.2 pH, 3.9% OM  
 PEST MANAGEMENT: Lumax, Force  
 FERTILITY - Applied N: 135 Fall, 28 Spring,  
 Applied N-P-K (units): 163-104-93

B0IAEC30b

30" ROW SPACING

SEEDED - RATE: May 3 34,000 /A  
 HARVESTED - STAND: Oct 15 32,900 /A

TOP 30 OF 54 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
Dyna-Gro	D52VP20*	VT3P	P250	240.0	16.2	1.0	34.3	\$1,187.0	1
Channel	214-14VT3P	VT3P	P250	236.9	16.7	1.0	30.9	\$1,166.4	2
Renk	RK880SSTX	SS	P250	231.4	16.6	1.0	34.8	\$1,140.3	3
FS Seeds	E6003	GT/CB/LL	P250	231.2	16.7	1.0	32.4	\$1,138.3	4
LG Seeds	LG2620VT3	VT3	P250	230.4	17.4	1.0	33.4	\$1,127.1	6
Lewis	1011VT3	VT3	P250	230.3	16.5	1.0	30.0	\$1,136.0	5
Stine	9726VT3Pro	VT3P	P250	229.9	18.5	1.0	34.8	\$1,113.3	10
FS Seeds	FS63MV4	VT3P	P250	229.5	17.2	1.0	32.9	\$1,124.8	8
AgriGold	A6553VT3	VT3	P250	228.6	17.1	1.0	34.3	\$1,121.4	9
Dyna-Gro	57V40	VT3	P250	227.7	16.3	1.0	32.4	\$1,125.2	7
Stine	9806VT3Pro	VT3P	P250	227.0	18.2	1.0	31.9	\$1,102.3	13
Great Lakes	6455G3VT3	VT3	P250	226.2	17.2	1.0	33.9	\$1,108.6	12
AgriGold	A6533VT3	VT3	P250	226.1	17.1	1.0	32.9	\$1,109.1	11
Renze	1399VT3	VT3	C250	223.3	16.5	1.0	34.8	\$1,101.4	14
LG Seeds	LG2641VT3	VT3	P250	222.1	17.2	1.0	34.3	\$1,088.5	16
Fontanelle	8V437	VT3P	P250	221.2	17.0	1.0	30.5	\$1,086.1	18
Withdrawn	EX714	VT3P	P250	221.2	17.3	1.0	33.9	\$1,083.1	19
Stone	7N88VT3	VT3	P250	220.7	16.4	1.0	34.3	\$1,089.6	15
Wyffels	W8681	VT3	P250	219.4	17.4	1.0	32.9	\$1,073.3	21
Mycogen	2H735	RR2	C250	217.6	16.5	1.0	35.8	\$1,073.3	22
Kruger	K-7614	VT3P	P250	217.6	16.7	1.0	32.4	\$1,071.4	23
Merschman	Stine M-911C-10	VT3	P500	217.2	16.6	1.0	32.9	\$1,070.4	24
Withdrawn	EX7911	VT3P	P250	216.9	15.7	1.0	32.9	\$1,077.7	20
Kruger	K-6213VT3	VT3	P250	215.8	16.5	1.0	34.8	\$1,064.4	25
Merschman	Stine M-1012F-10	VT3	P500	214.6	16.5	1.0	31.9	\$1,058.5	31
Trelay	8T468	VT3	P250	214.1	16.0	1.0	31.9	\$1,060.9	29
Cornelius	C636VT3	VT3	C250	213.7	15.7	1.0	31.9	\$1,061.8	28
Renk	RK829VT3	VT3	P250	213.5	15.4	1.0	34.3	\$1,063.7	26
Cornelius	C649VT3	VT3	P250	213.4	15.5	1.0	31.9	\$1,062.2	27
Renk	RK848VT3P	VT3P	P250	213.4	15.7	1.0	30.9	\$1,060.3	30
Pioneer	P1184XR CK	HXT,RR2	P250	220.6	16.6	1.0	31.9	\$1,087.1	17
Test Average =				216.4	16.6	1.0	32.9	\$1,066.3	
LSD (0.10) =				11.5	0.3	n.s.			
C.V. =				3.9	1.5				

**TEST COMMENTS:** *Very good drainage at this test location was critical for the success we had here. Great plot location. Plants were tall and healthy with most leaves intact at harvest. Ears were large with deep kernels and complete seed set. No weed control or disease issues were observed.*

Lat: N41.83386, Long: W92.29829

Yield &amp; Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.045 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)

AgSCI Copyright 2010

Report Date: 10/19/2010

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