

**2010 BETTER HYBRIDS Harvest Report for Iowa West Central [ IAWC ]**

Brandon McHugh, Harrison County, IA 51529 [ DUNLAP ]

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

PREV. CROP/HERB: Corn / Callisto, Atrazine B0IAWC37a  
 SOIL DESCRIPTION: Kennebec silt loam, mod. well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4.2% OM  
 PEST MANAGEMENT: Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 200 Spring,  
 Applied N-P-K (units): 200-0-0  
 SEEDING - RATE: May 4 34,000 /A TOP 30 of 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 1 34,000 /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	9731VT3Pro	VT3P	P250	<b>229.5</b>	20.9	1.0	34.8	\$1,086.6	1
NuTech	3T-810	VT3	C250	<b>225.8</b>	22.8	1.0	33.4	\$1,049.7	3
NuTech	3T-110	VT3	C250	<b>219.4</b>	21.2	3.0	33.8	\$1,035.8	4
Wyffels	W7071	VT3	P250	215.2	21.6	1.0	32.9	\$1,012.1	9
Wyffels	W6261	VT3	P250	214.5	21.1	1.0	32.9	\$1,013.6	7
Wyffels	W6871	VT3	P250	214.3	20.7	7.0	33.9	\$1,016.5	5
LG Seeds	LG2555VT3	VT3	P250	213.8	20.6	4.0	31.9	\$1,015.1	6
Merschman	Stine M-1109D-10	VT3	P500	212.0	19.9	1.0	35.8	\$1,013.3	8
NuTech	G2 5X-411^	HXT,RR2	C250	210.6	21.6	1.0	33.8	\$990.5	13
Kruger	K-6006VT3	VT3	C250	209.4	19.5	3.0	35.8	\$1,004.6	10
Channel	209-77VT3	VT3	P250	209.3	19.9	1.0	32.4	\$1,000.3	11
Kruger	K-6408VT3	VT3	P250	208.7	20.7	1.0	35.3	\$990.0	14
LG Seeds	LG2529VT3Pro	VT3P	P250	206.6	19.1	3.0	36.3	\$994.9	12
Great Lakes	5643VT3PRO	VT3P	P250	205.0	19.2	1.0	30.5	\$986.3	15
Masters Choice	MCT527*	3000GT	P250	203.2	18.8	1.0	33.4	\$981.3	16
Renze	1300VT3	VT3	C250	201.7	20.3	1.0	33.8	\$960.4	19
Renze	1219VT3	VT3	C250	200.7	18.7	1.0	31.9	\$970.1	17
Titan Pro	89A06GL	3000GT	C250	200.1	18.5	1.0	34.3	\$969.0	18
AgriGold	A6384VT3Pro	VT3P	P250	199.6	19.3	1.0	32.9	\$959.4	20
Channel	209-19VT3	VT3	P250	198.8	19.8	1.0	36.3	\$951.1	21
Producers	7014VT3	VT3	P250	197.8	20.4	2.0	34.8	\$940.9	22
FS Seeds	FS60MV4	VT3P	P250	197.7	20.6	6.0	31.9	\$938.7	23
Channel	210-61VT3	VT3	P250	196.2	21.2	3.0	32.9	\$926.3	25
Producers	6634VT3	VT3	P250	194.7	19.2	1.0	36.3	\$936.7	24
Merschman	M-1008S-13	SS	P500	193.1	19.9	1.0	33.9	\$922.9	26
Kruger	K-6010VT3	VT3	C250	191.0	20.7	1.0	33.8	\$906.0	27
Titan Pro	1059	None	None	186.6	19.5	1.0	35.3	\$895.2	31
NuTech	3A-710	GT	C250	185.2	18.6	2.0	32.9	\$896.0	30
LG Seeds	LG2515HX	HX	P250	184.9	17.3	3.0	33.8	\$905.4	28
FS Seeds	FS57SV3	VT3	P250	184.2	18.0	1.0	33.4	\$896.1	29
Pioneer	P1184XR CK	HXT,RR2	P250	<b>224.0</b>	20.3	1.0	34.8	\$1,066.6	2
Test Average =				<b>196.0</b>	<b>20.0</b>	<b>1.8</b>	<b>34.0</b>	<b>\$935.3</b>	
LSD (0.10) =				23.0	0.5	2.8			
C.V. =				8.6	1.8				

**TEST COMMENTS:** Rainfall was more than ample the entire season. Excellent seedling establishment was maintained through harvest. Harvest populations above 34,000 due to small seed sizes. Plants were very tall at harvest. Some leaf disease was observed as well as Anthracnose stalk rot. Ears were long with deep kernels.

Lat: N41.78353, Long: W95.67254

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)

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Report Date: 10/4/2010

Revised:

**2010 BETTER HYBRIDS Harvest Report for Iowa West Central [ IAWC ]**

Brandon McHugh, Harrison County, IA 51529 [ DUNLAP ]

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

PREV. CROP/HERB: Corn / Callisto, Atrazine B0IAWC37b  
 SOIL DESCRIPTION: Kennebec silt loam, mod. well drained, minimum w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4.2% OM  
 PEST MANAGEMENT: Callisto 30" ROW SPACING  
 FERTILITY - Applied N: 200 Spring,  
 Applied N-P-K (units): 200-0-0  
 SEEDED - RATE: May 4 34,000 /A TOP 30 of 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 1 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
Channel	213-32VT3	VT3	P250	241.5	23.5	10.0	32.9	\$1,115.1	1
Kruger	K-6213VT3	VT3	P250	236.4	22.4	1.0	36.3	\$1,103.3	2
Channel	214-14VT3P	VT3P	P250	234.8	22.1	1.0	35.8	\$1,099.0	3
LG Seeds	LG2641VT3	VT3	P250	234.3	24.6	1.0	32.9	\$1,070.3	6
Merschman	Stine M-911C-10	VT3	P500	231.1	21.2	11.3	33.8	\$1,091.0	4
AgriGold	A6553VT3	VT3	P250	229.6	25.0	12.7	32.9	\$1,044.7	13
AgriGold	A6476VT3	VT3	P250	228.5	22.8	1.0	33.8	\$1,062.3	9
Dyna-Gro	D52VP20*	VT3P	P250	228.0	22.1	1.0	33.8	\$1,067.2	8
Dyna-Gro	57V40	VT3	P250	227.5	21.3	1.0	31.9	\$1,073.0	5
FS Seeds	FS63MV4	VT3P	P250	227.5	24.2	2.0	34.3	\$1,043.3	14
Producers	7394VT3	VT3	P250	226.1	24.3	3.7	35.3	\$1,035.9	15
Mycogen	2C641	RR2	C250	224.6	21.1	1.0	34.8	\$1,061.3	10
FS Seeds	FS61BX1	SS	P250	223.9	21.5	1.0	34.8	\$1,054.0	11
Wyffels	XW6927	RR2	P250	222.9	21.6	3.0	31.9	\$1,048.3	12
Stine	9730VT3Pro	VT3P	P250	222.5	25.6	1.0	33.8	\$1,006.4	26
Great Lakes	6354G3VT3	VT3	P250	221.5	23.9	1.0	31.9	\$1,018.8	20
Producers	7414VT3	VT3	P250	221.4	23.8	1.0	33.8	\$1,019.3	19
LG Seeds	LG2620VT3	VT3	P250	221.3	24.4	1.0	35.8	\$1,012.9	25
Wyffels	W8430	RR2	P250	221.1	24.1	1.0	33.4	\$1,015.0	22
Merschman	Stine M-1012G-10*	VT3	P500	220.4	22.7	20.7	33.4	\$1,025.6	17
Mycogen	2H735	RR2	C250	220.1	23.1	1.0	34.8	\$1,020.3	18
Kruger	K-7614	VT3P	P250	219.5	23.5	1.0	35.3	\$1,013.5	24
Dekalb	DKC64-27 GC	RR2	P250	218.8	22.7	1.0	33.9	\$1,018.2	21
Kruger	K-1211RR	RR2	P250	218.0	21.5	5.7	34.8	\$1,026.2	16
FS Seeds	FS64JV3	VT3	P250	217.5	24.1	2.0	33.4	\$998.4	29
AgriGold	A6533VT3	VT3	P250	217.4	23.8	1.0	33.4	\$1,000.9	28
Dekalb	DKC62-54 GC	VT3	P250	216.4	21.9	4.0	34.8	\$1,014.8	23
Dyna-Gro	57V38	VT3	P250	213.9	22.9	1.0	33.4	\$993.5	31
Kruger	K-6411VT3	VT3	C250	213.1	21.3	7.3	35.8	\$1,005.1	27
Mycogen	2V732	VT3	C250	213.0	22.4	3.0	34.8	\$994.1	30
Pioneer	P1184XR CK	HXT,RR2	P250	226.3	21.2	2.0	31.4	\$1,068.4	7
Test Average =				217.3	23.0	3.9	33.9	\$1,008.2	
LSD (0.10) =				17.0	0.9	9.5			
C.V. =				5.8	2.9				

**TEST COMMENTS:** Rainfall was more than ample the entire season. Excellent seedling establishment was maintained through harvest. Harvest populations above 34,000 due to small seed sizes. Plants were very tall at harvest. Some leaf disease was observed as well as Anthracnose stalk rot. Ears were long with deep kernels.

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## 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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- 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.
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