

**2010 BETTER HYBRIDS Harvest Report for Iowa North West [ IANW ]**

**EARLY SEASON TEST**

Iowa Lakes Comm. College, Palo Alto County, IA 50536 [ EMMETSBURG ]

**101 - 106 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Harness Xtra, Durango B01ANW33a  
 SOIL DESCRIPTION: Nicollet/Canisteo silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM  
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING  
 FERTILITY - Applied N: 160 Spring,  
 Applied N-P-K (units): 160-0-0  
 SEEDED - RATE: Apr 21 35,100 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 12 34,200 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Channel	205-94VT3	VT3	P250	196.8	14.3	1.0	34.9	\$792.7	1
Channel	199-55VT3	VT3	P250	188.7	13.2	1.0	34.9	\$768.4	2
Jung	7610VT3	VT3P	P250	185.2	14.1	1.0	30.7	\$747.5	3
Wyffels	W2681	VT3	P250	183.5	13.5	1.0	34.9	\$745.0	4
NuTech	3T-401A	VT3	C250	182.1	13.8	1.0	30.7	\$737.1	5
NuTech	5N-705	3000GT	C250	181.8	14.1	1.0	36.3	\$733.7	6
AgSource	5N-804A	3000GT	C250	181.5	14.1	1.0	34.9	\$732.5	7
Channel	201-16VT3	VT3	P250	180.1	13.5	1.0	30.7	\$731.2	8
Renk	RK682VT3	VT3	P250	179.3	14.2	1.0	29.3	\$722.9	10
AgriGold	A6384VT3Pro	VT3P	P250	178.0	13.3	1.0	34.9	\$724.1	9
Stine	9523VT3	VT3	P250	176.4	13.8	1.0	36.2	\$714.1	11
Wensman	W8364STX	SS	P250	175.5	13.8	5.0	34.9	\$710.4	12
Mycogen	2J597	SS	C250	176.3	14.0	1.0	34.9	\$708.2	13
Mycogen	2K592	VT3	C250	175.1	14.0	1.0	33.5	\$707.4	14
Dekalb	DKC51-86 GC	VT3P	P250	173.5	13.5	1.0	36.2	\$704.4	16
Dairyland	ST9006	VT3	P250	173.5	13.7	1.0	34.9	\$703.0	18
LG Seeds	LG2515HX	HX	P250	172.9	12.9	2.5	33.5	\$706.1	15
LG Seeds	LG2527VT3	VT3	P250	172.9	13.7	1.0	33.5	\$700.6	19
Dekalb	DKC52-59 GC	VT3	P250	172.5	13.0	1.0	33.5	\$703.8	17
Jung	7S655	SS	P250	171.7	13.3	1.0	36.3	\$698.5	20
Wyffels	W2751	VT3	P250	170.5	13.2	2.5	32.1	\$694.3	21
NuTech	G2 5X-500JA*	HXT,RR2	C250	170.3	13.4	1.0	32.1	\$692.1	22
Jung	7520VT3	VT3	P250	169.8	14.1	1.0	27.9	\$685.3	24
Wyffels	W2849	3000GT	C250	168.7	13.4	1.0	33.5	\$685.6	23
AgriGold	A6309STX	SS	P250	167.9	13.6	2.5	36.2	\$681.0	25
Viking	Y54-04RL	3000GT	C250	167.3	14.3	1.0	33.5	\$673.9	28
Kruger	K-6006VT3	VT3	C250	167.0	14.1	1.0	30.7	\$674.0	27
Kruger	K-6201VT3	VT3	P250	166.9	14.0	1.0	36.2	\$674.3	26
Titan Pro	1059	None	None	166.3	14.2	1.0	34.9	\$670.5	29
Producers	6634VT3	VT3	P250	165.2	13.8	1.0	33.5	\$668.7	30
Pioneer	35K04 CK	HXT,RR2	P250	161.4	14.8	1.0	37.6	\$646.9	38
Test Average =				151.0	12.3	1.3	34.2	\$616.2	
LSD (0.10) =				85.9	6.4	3.1			
C.V. =				34.3	31.4				

**TEST COMMENTS:** TRAIN WRECK! Plot received two separate hail storms. The June 25th storm stripped leaves as much as 35%. Another storm followed on July 18th to add insult to injury. To add to the misery, farm help accidently harvest off some of the plot. At best, we have 2 reps of poor data. Lat: N43.12903, Long: W94.76782

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

**2010 BETTER HYBRIDS Harvest Report for Iowa North West [ IANW ]**
**FULL SEASON TEST**

Iowa Lakes Comm. College, Palo Alto County, IA 50536 [ EMMETSBURG ]

**107 - 110 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Harness Xtra, Durango BOIANW33b  
 SOIL DESCRIPTION: Nicollet/Canisteo silty clay loam, mod. well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.5 pH, 4% OM  
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING  
 FERTILITY - Applied N: 160 Spring,  
 Applied N-P-K (units): 160-0-0  
 SEEDED - RATE: Apr 21 35,100 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 12 32,700 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology <sup>†</sup>	IST <sup>††</sup>	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Kruger	K-6408VT3	VT3	P250	175.9	13.8	1.0	33.5	\$712.0	1
Dyna-Gro	V4993VT3	VT3	P250	166.6	13.5	1.0	30.7	\$676.4	2
Wensman	W7473VT3	VT3	P250	162.8	13.0	1.0	36.2	\$664.2	3
Kruger	K-6010VT3	VT3	C250	158.3	13.8	1.0	34.9	\$640.8	4
Wyffels	W6871	VT3	P250	157.7	14.0	1.0	33.5	\$637.1	5
Mycogen	2C641	RR2	C250	156.6	14.1	1.0	33.5	\$632.0	6
Renze	1300VT3	VT3	C250	152.1	13.9	1.0	27.9	\$615.1	8
NuTech	1N-109	CB/LL/RW	C250	151.9	13.7	1.0	33.5	\$615.5	7
Producers	7014VT3	VT3	P250	150.8	13.3	1.0	30.7	\$613.5	9
Dekalb	DKC59-35 GC	VT3	P250	150.8	13.6	1.0	32.1	\$611.6	10
Stine	9528VT3Pro	VT3P	P250	150.4	15.3	1.0	30.7	\$599.8	13
NuTech	5X-206A	HXT,RR2	C250	150.4	15.5	1.0	34.9	\$598.6	14
Producers	6944VT3	VT3	P250	149.2	13.6	1.0	33.5	\$605.2	12
NuTech	5X-411B	HXT,RR2	C250	149.2	15.4	1.0	25.1	\$594.4	16
AgriGold	A6458VT3	VT3	P250	147.6	12.1	1.0	36.3	\$607.5	11
AgriGold	A6476VT3	VT3	P250	147.2	14.0	1.0	33.5	\$594.7	15
Dyna-Gro	57V40	VT3	P250	147.1	14.2	5.0	32.1	\$593.1	17
AgSource	5H-005A	HX,RR2	C250	144.4	13.5	1.0	36.2	\$586.3	18
Dyna-Gro	50R60	HXT,RR2	P250	143.2	13.8	1.0	32.1	\$579.7	20
Wyffels	W5568	SS	P250	143.1	13.8	1.0	34.9	\$579.3	21
Stine	9531VT3Pro	VT3P	P250	142.6	13.6	1.0	34.9	\$578.4	22
Great Lakes	5939G3VT3	VT3	P250	142.5	12.9	1.0	33.5	\$582.0	19
Dekalb	DKC57-50 GC	VT3	P250	141.7	13.3	1.0	30.7	\$576.4	23
LG Seeds	LG2548VT3	VT3	P250	141.0	14.1	1.0	36.2	\$569.1	24
AgriGold	A6421STX	SS	P250	137.7	14.0	1.0	39.0	\$556.3	25
NuTech	3T-110	VT3	C250	135.7	14.3	5.0	29.3	\$546.6	26
Channel	209-77VT3	VT3	P250	132.8	13.5	1.0	29.3	\$539.2	27
Renze	7270RR2	RR2	C250	132.4	13.9	1.0	33.5	\$535.4	28
LG Seeds	LG2529VT3Pro	VT3P	P250	126.5	12.9	1.0	32.1	\$516.6	29
AgSource	3A-710	GT	C250	126.4	13.1	1.0	33.5	\$515.2	30
Pioneer	35K04 CK	HXT,RR2	P250	124.6	14.2	1.0	34.9	\$502.4	32
Test Average =				131.6	13.7	1.5	32.7	\$533.0	
LSD (0.10) =				44.1	0.8	3.6			
C.V. =				20.1	3.3				

**TEST COMMENTS:** **TRAIN WRECK!** Plot received two separate hail storms. The June 25th storm stripped leaves as much as 35%. Another storm followed on July 18th to add insult to injury. To add to the misery, farm help accidently harvest off some of the plot. At best, we have 2 reps of poor data.

Lat: N43.12903, Long: W94.76782

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

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<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: 10/17/2010

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.
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- Inovate<sup>™</sup> System is a trademark of Valent