

**2010 BETTER HYBRIDS Harvest Report for Iowa North West [ IANW ]**  
 Dallas Thomas, Calhoun County, IA 50538 [ RINARD ]

**EARLY SEASON TEST**  
**101 - 106 Day CRM**

PREV. CROP/HERB: Corn, 2+ yr / Surpass B01ANW36a  
 SOIL DESCRIPTION: Nicollet/Webster silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 3.8% OM  
 PEST MANAGEMENT: Surpass, Force 30" ROW SPACING  
 FERTILITY - Applied N: 200 Spring,  
 Applied N-P-K (units): 200-0-0  
 SEEDING - RATE: Apr 20 33,600 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 15 33,000 /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
NuTech	G2 5H-502^	HX,RR2	C250	227.2	12.1	3.7	34.4	\$935.2	1
NuTech	5N-705	3000GT	C250	219.4	11.9	4.7	31.6	\$904.8	2
Kruger	K-6006VT3	VT3	C250	216.1	12.7	22.3	31.6	\$884.3	3
Channel	205-94VT3	VT3	P250	211.4	12.9	28.7	34.4	\$863.4	4
AgriGold	A6389VT3	VT3	P250	206.5	11.7	12.7	32.6	\$853.3	6
Jung	7S555	SS	P250	205.3	11.5	18.0	30.7	\$849.9	7
Renk	RK670VT3	VT3	P250	205.2	11.0	12.0	35.3	\$853.6	5
Great Lakes	5643VT3PRO	VT3P	P250	202.7	11.3	5.7	33.5	\$840.8	8
Kruger	K-7302	VT3P	P250	202.2	11.9	3.0	30.7	\$833.9	10
Jung	7610VT3	VT3P	P250	201.5	11.6	8.0	35.3	\$833.4	11
Titan Pro	80A01GL	3000GT	C250	201.5	11.9	4.7	31.6	\$831.0	12
AgriGold	A6384VT3Pro	VT3P	P250	201.4	11.2	32.7	36.2	\$836.2	9
NuTech	3T-401A	VT3	C250	200.6	11.6	11.3	32.5	\$829.7	13
Kruger	K-6102VT3	VT3	C250	200.2	11.4	5.7	31.6	\$829.6	14
Wyffels	W5051	VT3	P250	199.3	11.7	20.3	35.3	\$823.5	15
Renk	RK698VT3	VT3	P250	197.7	11.8	8.0	33.5	\$816.1	16
LG Seeds	LG2527VT3	VT3	P250	196.3	11.6	11.0	32.5	\$811.9	19
Dairyland	ST9006	VT3	P250	196.2	11.1	36.7	33.5	\$815.4	17
NuTech	3A-406	GT	C250	195.9	12.2	30.0	30.7	\$805.5	21
Viking	B53-03R	VT3	P250	194.5	10.7	14.3	29.8	\$811.5	20
Mycogen	2A551	HXT,RR2	C250	193.5	11.5	3.0	34.4	\$801.1	23
Titan Pro	1059	None	None	193.3	12.9	25.3	33.5	\$789.4	29
Wensman	W6307RR	RR2	P250	192.4	10.7	6.0	36.2	\$802.7	22
Wyffels	W2751	VT3	P250	192.2	11.7	19.0	34.4	\$794.2	25
Wensman	W7433VT3	VT3	P250	191.5	11.4	45.7	32.6	\$793.6	26
Channel	201-16VT3	VT3	P250	190.8	11.8	14.3	31.6	\$787.6	30
Dekalb	DKC52-59 GC	VT3	P250	190.0	10.5	13.7	33.5	\$794.2	24
LG Seeds	LG2529VT3Pro	VT3P	P250	190.0	11.4	25.7	35.3	\$787.4	31
Dekalb	DKC51-86 GC	VT3P	P250	189.7	10.8	5.7	36.2	\$790.7	28
LG Seeds	LG2515HX	HX	P250	187.5	9.5	36.7	33.5	\$791.3	27
Pioneer	35K04 CK	HXT,RR2	P250	200.9	13.6	9.0	32.6	\$814.9	18
Test Average =				190.4	11.6	19.1	33.0	\$787.3	
LSD (0.10) =				19.9	0.6	19.8			
C.V. =				7.7	3.6				

**TEST COMMENTS:** Timely rains all season long allowed this field to get off to a good start. Very dry weather prior to harvest allowed stalk decomposition to set in and stalk lodging occurred at the base of the plants. Snapping above the ears was also prevalent throughout the field. Overall this field performed well.  
 Lat: N42.32507, Long: W94.42644

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 ]**  
 Dallas Thomas, Calhoun County, IA 50538 [ RINARD ]

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

PREV. CROP/HERB: Corn, 2+ yr / Surpass BOIANW36b  
 SOIL DESCRIPTION: Nicollet/Webster silty clay loam, well drained, conventional w/ fall till, non-irrigated  
 SOIL CONDITIONS: High P, high K, 6.7 pH, 3.8% OM  
 PEST MANAGEMENT: Surpass, Force 30" ROW SPACING  
 FERTILITY - Applied N: 200 Spring,  
 Applied N-P-K (units): 200-0-0  
 SEEDING - RATE: Apr 20 33,600 /A TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 15 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
Channel	209-77VT3	VT3	P250	<b>231.3</b>	12.7	13.7	34.4	\$946.5	1
Producers	7014VT3	VT3	P250	<b>229.9</b>	12.6	7.0	35.3	\$941.7	2
NuTech	5X-206A	HXT,RR2	C250	222.9	14.7	9.0	28.8	\$894.3	6
Wyffels	XW6927	RR2	P250	222.7	12.9	19.0	31.6	\$909.5	4
Great Lakes	5939G3VT3	VT3	P250	222.0	12.4	23.3	30.7	\$911.1	3
LG Seeds	LG2549VT3	VT3	P250	221.1	12.4	8.0	35.3	\$907.4	5
NuTech	5X-411B	HXT,RR2	C250	219.7	15.0	5.7	24.2	\$878.8	12
NuTech	3T-110	VT3	C250	218.0	13.5	20.3	29.7	\$885.1	9
Stine	9531VT3Pro	VT3P	P250	216.3	13.2	7.3	35.3	\$880.8	10
LG Seeds	LG2529VT3Pro	VT3P	P250	216.1	11.6	25.7	32.5	\$893.8	7
Dyna-Gro	V4993VT3	VT3	P250	215.9	11.6	7.0	30.7	\$893.0	8
Kruger	K-6408VT3	VT3	P250	214.0	12.8	3.0	32.6	\$874.8	13
LG Seeds	LG2547VT3	VT3	P250	213.4	12.0	4.0	32.5	\$879.2	11
Dekalb	DKC59-35 GC	VT3	P250	212.2	13.1	4.7	32.5	\$864.9	15
AgriGold	A6476VT3	VT3	P250	211.6	13.8	3.0	31.6	\$856.6	17
Mycogen	2C641	RR2	C250	211.4	12.5	4.7	30.7	\$866.7	14
Kruger	K-6010VT3	VT3	C250	210.3	13.1	8.7	32.5	\$857.2	16
Renze	1300VT3	VT3	C250	208.5	13.0	16.3	36.2	\$850.7	20
Wyffels	W6261	VT3	P250	208.3	13.9	12.7	28.8	\$842.4	21
Dekalb	DKC57-50 GC	VT3	P250	207.6	12.0	5.7	32.6	\$855.3	18
AgSource	5H-005A	HX,RR2	C250	207.1	11.9	4.7	32.5	\$854.1	19
Renze	7270RR2	RR2	C250	205.0	12.9	5.7	31.6	\$837.2	22
AgriGold	A6458VT3	VT3	P250	203.9	13.0	16.7	34.4	\$831.9	25
Renk	RK764SSTX	SS	P250	203.5	12.4	6.3	31.6	\$835.2	23
Wyffels	W6871	VT3	P250	203.1	13.1	16.3	36.2	\$827.8	27
Wensman	W7473VT3	VT3	P250	202.9	12.6	33.0	32.6	\$831.1	26
AgSource	3A-710	GT	C250	202.8	12.2	7.0	35.3	\$833.9	24
AgriGold	A6421STX	SS	P250	202.6	13.1	4.0	31.6	\$825.8	29
LG Seeds	LG2548VT3	VT3	P250	202.2	12.7	6.3	34.4	\$827.4	28
Wensman	W7455VT3	VT3	P250	201.4	12.9	16.3	33.5	\$822.5	30
<b>Pioneer</b>	<b>35K04 CK</b>	<b>HXT,RR2</b>	<b>P250</b>	<b>201.0</b>	<b>13.4</b>	<b>14.3</b>	<b>29.8</b>	<b>\$816.9</b>	<b>34</b>
Test Average =				<b>205.7</b>	<b>12.9</b>	<b>12.6</b>	<b>32.8</b>	<b>\$840.3</b>	
LSD (0.10) =				19.1	0.6	14.9			
C.V. =				6.8	3.2				

**TEST COMMENTS:** *Timely rains all season long allowed this field to get off to a good start. Very dry weather prior to harvest allowed stalk decomposition to set in and stalk lodging occurred at the base of the plants. Snapping above the ears was also prevalent throughout the field. Overall this field performed well.*
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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. <b>Bold</b> yields are significantly above test average. <b>Italicized</b> brands exceed the grain moisture limit for this test. <b>GC</b> = grower chosen product, * = brands without a seed lot number <b>ns</b> = not significantly different



## 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