

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

Bob Plathe, Kossuth County, IA 50560 [ LUYERNE ]

**101 - 106 Day CRM**

PREV. CROP/HERB: Soybean / Glyphos B01ANW35a  
 SOIL DESCRIPTION: Fostoria/Clarion loam, moderately drained, minimum w/o fall till, non-irrigated  
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 5.5% OM  
 PEST MANAGEMENT: Harness Xtra, Force 30" ROW SPACING  
 FERTILITY - Applied N: 160 Spring,  
 Applied N-P-K (units): 160-0-0  
 SEEDING - RATE: Apr 21 33,600 /A TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)  
 HARVESTED - STAND: Oct 16 32,300 /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
Wensman	W7433VT3	VT3	P250	<b>189.7</b>	11.3	1.0	35.3	\$786.9	1
Mycogen	2J597	SS	C250	<b>186.5</b>	12.2	1.0	29.8	\$766.9	4
Jung	7S555	SS	P250	<b>186.3</b>	11.2	1.0	29.8	\$773.5	2
Renk	RK682VT3	VT3	P250	<b>186.3</b>	12.6	1.0	32.5	\$763.1	5
AgriGold	A6384VT3Pro	VT3P	P250	<b>184.1</b>	10.6	1.0	33.5	\$768.8	3
LG Seeds	LG2529VT3Pro	VT3P	P250	<b>179.8</b>	10.5	2.0	34.4	\$751.6	6
Viking	B53-03R	VT3	P250	<b>179.4</b>	10.8	1.0	32.5	\$747.7	7
Producers	6634VT3	VT3	P250	<b>177.8</b>	11.2	1.0	33.5	\$738.2	8
Producers	6238STX	SS	P250	174.7	11.5	1.0	28.8	\$723.3	9
Dairyland	ST9006	VT3	P250	173.5	11.3	1.0	32.6	\$719.7	10
Kruger	K-6006VT3	VT3	C250	170.3	12.3	1.0	31.6	\$699.6	13
Renze	2190HXT/LL/RR2	HXT,RR2	C250	169.7	11.4	1.0	30.7	\$703.2	12
Channel	199-55VT3	VT3	P250	169.4	10.3	1.0	29.8	\$709.4	11
Wyffels	W2681	VT3	P250	167.5	11.1	1.0	28.8	\$696.1	14
NuTech	G2 5H-502^	HX,RR2	C250	167.2	12.2	1.0	32.6	\$687.5	17
Titan Pro	80X05	HXT	C250	166.3	13.3	1.0	27.9	\$676.5	22
Stine	9523VT3	VT3	P250	166.1	11.0	1.0	32.6	\$691.0	16
Great Lakes	5643VT3PRO	VT3P	P250	165.9	10.6	1.0	32.5	\$692.8	15
Renze	1219VT3	VT3	C250	164.8	11.8	1.0	29.8	\$680.3	19
NuTech	3T-401A	VT3	C250	164.1	12.0	1.0	33.5	\$676.1	23
Dekalb	DKC52-59 GC	VT3	P250	164.0	10.4	1.0	34.4	\$686.2	18
AgriGold	A6389VT3	VT3	P250	163.0	11.1	1.0	33.5	\$677.4	21
NuTech	5N-705	3000GT	C250	162.3	11.6	1.0	27.9	\$671.3	26
Kruger	K-7302	VT3P	P250	162.1	11.3	1.0	33.5	\$672.4	25
Wyffels	W2751	VT3	P250	161.9	10.6	1.0	32.5	\$676.1	24
LG Seeds	LG2527VT3	VT3	P250	161.6	11.6	1.0	27.9	\$668.4	27
Dairyland	ST9206Q	HXT,RR2	C250	161.5	12.7	1.0	35.3	\$660.9	30
Channel	201-16VT3	VT3	P250	160.0	11.7	1.0	31.6	\$661.1	29
Dekalb	DKC51-86 GC	VT3P	P250	159.3	11.3	1.0	33.5	\$660.8	31
Wyffels	W2849	3000GT	C250	159.2	11.1	1.0	32.6	\$661.6	28
Pioneer	35K04 CK	HXT,RR2	P250	165.5	12.6	1.0	31.6	\$677.9	20
Test Average =				<b>159.0</b>	<b>11.4</b>	<b>1.3</b>	<b>32.3</b>	<b>\$658.8</b>	
LSD (0.10) =				16.8	0.5	n.s.			
C.V. =				7.8	3.0				

**TEST COMMENTS:** Over 19" of rain was reported near this site during June and July, possibly reducing nitrogen availability.

Mid season water stress and warm nights added it's toll on grain fill and kernel depth. Some curled ear tips and tip dieback was

observed. Moderate levels of gray leaf spot as well. Little to no lodging at harvest.

Lat: N42.98851, Long: W94.19862

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 ]**

Bob Plathe, Kossuth County, IA 50560 [ LUVERNE ]

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

BOIANW35b

PREV. CROP/HERB: Soybean / Glyphos

SOIL DESCRIPTION: Fostoria/Clarion loam, moderately drained, minimum w/o fall till, non-irrigated

SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 5.5% OM

PEST MANAGEMENT: Harness Xtra, Force

30" ROW SPACING

FERTILITY - Applied N: 160 Spring,

Applied N-P-K (units): 160-0-0

SEEDED - RATE: Apr 21 33,600 /A

**TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)**

HARVESTED - STAND: Oct 16 32,900 /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
Kruger	K-6010VT3	VT3	C250	217.4	13.3	1.0	37.1	\$884.4	1
Dyna-Gro	V4993VT3	VT3	P250	209.4	12.0	1.0	33.5	\$862.7	2
Channel	209-77VT3	VT3	P250	209.3	12.5	1.0	29.8	\$858.1	3
Wyffels	W6261	VT3	P250	206.4	14.0	1.0	30.7	\$833.9	4
Channel	210-61VT3	VT3	P250	205.6	14.9	1.0	32.6	\$823.2	6
NuTech	G2 5H-608^	HX,RR2	C250	202.5	12.9	1.0	35.3	\$827.0	5
Kruger	K-6408VT3	VT3	P250	200.2	12.8	1.0	36.2	\$818.4	7
Mycogen	2D692	SS	C250	199.6	13.7	1.0	33.5	\$808.8	8
Dekalb	DKC59-35 GC	VT3	P250	198.8	13.8	1.0	32.5	\$804.7	9
Dekalb	DKC57-50 GC	VT3	P250	194.2	12.7	1.0	33.4	\$794.7	11
NuTech	3T-110	VT3	C250	194.2	14.4	1.0	30.7	\$781.5	12
Wyffels	W6871	VT3	P250	193.3	14.2	1.0	31.6	\$779.4	13
NuTech	G2 5X-509^	HXT,RR2	C250	193.1	14.4	1.0	30.7	\$777.0	15
LG Seeds	LG2529VT3Pro	VT3P	P250	192.9	10.9	1.0	33.5	\$803.2	10
Renze	1300VT3	VT3	C250	192.3	13.7	1.0	33.5	\$779.2	14
Dyna-Gro	57V40	VT3	P250	187.2	14.4	1.0	30.7	\$753.3	17
NuTech	1N-109	CB/LL/RW	C250	186.4	13.5	1.0	33.5	\$756.8	16
Wensman	W7562VT3	VT3	P250	184.3	13.2	1.0	36.2	\$750.5	19
Dyna-Gro	56R60	HXT,RR2	P250	183.7	13.6	1.0	32.5	\$745.1	20
AgSource	3A-710	GT	C250	183.6	12.8	1.0	33.5	\$750.6	18
NuTech	5X-206A	HXT,RR2	C250	182.6	14.7	1.0	29.7	\$732.6	25
Producers	6944VT3	VT3	P250	182.3	14.0	1.0	34.4	\$736.5	23
Renk	RK744VT3	VT3	P250	180.7	12.2	1.0	32.6	\$743.0	21
Renze	7270RR2	RR2	C250	180.7	12.6	1.0	27.9	\$740.1	22
Mycogen	2C641	RR2	C250	178.8	12.3	1.0	33.5	\$734.5	24
Wensman	W7455VT3	VT3	P250	178.2	13.7	1.0	31.6	\$722.1	28
NuTech	5X-411B	HXT,RR2	C250	177.2	14.4	1.0	31.6	\$713.1	29
LG Seeds	LG2549VT3	VT3	P250	176.8	12.8	1.0	31.6	\$722.8	27
AgSource	5H-005A	HX,RR2	C250	176.7	12.3	1.0	33.4	\$725.9	26
AgriGold	A6458VT3	VT3	P250	172.7	12.8	1.0	33.5	\$706.0	30
Pioneer	35K04 CK	HXT,RR2	P250	171.5	13.8	1.0	35.3	\$694.2	36
Test Average =				181.6	13.3	1.0	32.9	\$738.7	
LSD (0.10) =				19.5	0.8	n.s.			
C.V. =				7.9	4.5				

**TEST COMMENTS:** Over 19" of rain was reported near this site during June and July, possibly reducing nitrogen availability.

Mid season water stress and warm nights added it's toll on grain fill and kernel depth. Some curled ear tips and tip dieback was observed. Moderate levels of gray leaf spot as well. Little to no lodging at harvest.

Lat: N42.98851, Long: W94.19862

Yield &amp; 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

 Complete list of brands tested & searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

AgSCI Copyright 2010

Report Date: 10/18/2010

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