

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

Mike Krishel, Pocahontas County, IA 50546 [HAVELOCK]

101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Glyphos B01ANW34a
 SOIL DESCRIPTION: Nicollet/Clarion silt loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 125 Fall, 66 Spring,
 Applied N-P-K (units): 191-92-120
 SEEDING - RATE: Apr 20 35,100 /A **TOP 30 OF 60 FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Oct 14 34,500 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	ST9006	VT3	P250	213.0	13.7	1.0	34.4	\$863.1	2
AgriGold	A6384VT3Pro	VT3P	P250	211.1	11.8	1.0	35.3	\$871.4	1
LG Seeds	LG2510STX	SS	P250	210.3	12.7	2.0	36.2	\$860.5	4
LG Seeds	LG2529VT3Pro	VT3P	P250	209.1	12.1	1.0	31.6	\$860.7	3
Channel	199-55VT3	VT3	P250	207.1	12.1	1.0	34.4	\$852.4	5
Wensman	W8364STX	SS	P250	205.5	13.5	1.0	35.3	\$834.3	6
Jung	7610VT3	VT3P	P250	202.0	13.2	1.0	33.5	\$822.5	8
Renk	RK682VT3	VT3	P250	201.4	13.7	2.0	32.6	\$816.1	10
Great Lakes	5643VT3PRO	VT3P	P250	200.8	12.4	1.0	33.5	\$824.1	7
Wensman	W7433VT3	VT3	P250	199.6	12.9	1.0	32.6	\$815.2	11
Renk	RK698VT3	VT3	P250	199.4	13.2	1.0	36.2	\$812.0	12
Dekalb	DKC52-59 GC	VT3	P250	198.4	12.0	2.0	33.5	\$817.4	9
Kruger	K-6201VT3	VT3	P250	197.0	13.8	1.0	35.3	\$797.5	14
Great Lakes	5211GS	SS	P250	196.1	12.9	2.0	36.2	\$800.9	13
Viking	Y54-04RL	3000GT	C250	192.6	14.0	1.0	34.4	\$778.1	15
Mycogen	2J597	SS	C250	189.6	13.5	1.0	36.2	\$769.8	17
AgSource	5N-804A	3000GT	C250	188.3	12.8	1.0	33.5	\$769.8	16
Stine	9523VT3	VT3	P250	188.2	13.1	1.0	34.4	\$767.1	18
Titan Pro	1059	None	None	187.0	14.1	1.0	34.4	\$754.7	21
Kruger	K-6006VT3	VT3	C250	186.9	13.7	1.0	35.3	\$757.3	20
Garst	86J49-3000GT GC	3000GT	C500	185.3	12.4	2.0	35.3	\$760.5	19
Producers	6634VT3	VT3	P250	184.7	13.3	2.0	35.3	\$751.4	23
Dekalb	DKC51-86 GC	VT3P	P250	184.5	13.3	1.0	32.5	\$750.5	24
Wyffels	W5051	VT3	P250	184.4	12.7	1.0	35.3	\$754.6	22
Mycogen	2K592	VT3	C250	184.4	14.4	1.0	36.2	\$742.0	27
NuTech	3T-401A	VT3	C250	184.0	13.1	1.0	36.2	\$750.0	25
Dairyland	ST9206Q	HXT,RR2	C250	183.7	14.1	1.0	35.3	\$741.4	28
Channel	205-94VT3	VT3	P250	183.2	13.7	1.0	36.2	\$742.3	26
AgriGold	A6389VT3	VT3	P250	181.5	13.0	2.0	34.4	\$740.5	30
LG Seeds	LG2515HX	HX	P250	178.9	11.4	2.0	38.1	\$741.4	29
Pioneer	35K04 CK	HXT,RR2	P250	180.1	14.1	1.0	31.6	\$726.9	39
Test Average =				183.3	13.0	1.2	34.5	\$748.2	
LSD (0.10) =				20.8	0.5	n.s.			
C.V. =				8.4	3.0				

TEST COMMENTS: Plot received over 15" of rainfall in June and July together. Some nitrogen loss is suspected to have reduced plant vigor and take the top end off of yield. Despite the wet mid-season weather, the crop recovered reasonably well.

There was very little to no lodging observed at this location.

Lat: N42.82048, Long: W94.70341

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

[†] **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

^{††} **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]

Mike Krishel, Pocahontas County, IA 50546 [HAVELOCK]

FULL SEASON TEST
107 - 110 Day CRM

PREV. CROP/HERB: Soybean / Glyphos BOIANW34b
 SOIL DESCRIPTION: Nicollet/Clarion silt loam, mod. well drained, conventional w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.6 pH, 3.5% OM
 PEST MANAGEMENT: Harness Xtra, Callisto, Force 30" ROW SPACING
 FERTILITY - Applied N: 125 Fall, 66 Spring,
 Applied N-P-K (units): 191-92-120
 SEEDING - RATE: Apr 20 35,100 /A **TOP 30 OF 48 FOR GROSS INCOME (SORTED BY YIELD)**
 HARVESTED - STAND: Oct 14 33,700 /A AVERAGE of (3) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W7562VT3	VT3	P250	217.0	14.9	2.0	34.4	\$868.9	2
Channel	209-77VT3	VT3	P250	215.8	14.0	1.0	37.1	\$871.8	1
Dyna-Gro	57V40	VT3	P250	215.2	15.9	2.0	26.0	\$853.1	4
Dyna-Gro	V4993VT3	VT3	P250	214.6	14.1	1.0	33.5	\$866.1	3
Wensman	W7473VT3	VT3	P250	208.8	14.2	1.0	35.3	\$841.9	6
AgriGold	A6458VT3	VT3	P250	208.2	13.8	1.0	35.3	\$842.8	5
Wyffels	W6871	VT3	P250	206.6	15.5	1.0	32.6	\$822.3	7
NuTech	3T-110	VT3	C250	205.6	15.7	1.0	34.4	\$816.6	9
Channel	210-61VT3	VT3	P250	202.2	15.6	1.0	34.4	\$803.9	10
Producers	7014VT3	VT3	P250	201.7	13.7	1.0	30.7	\$817.3	8
NuTech	G2 5X-509 [^]	HXT,RR2	C250	201.6	15.4	1.0	30.7	\$803.2	11
Stine	9528VT3Pro	VT3P	P250	198.6	16.0	1.0	36.2	\$786.5	18
Dyna-Gro	56R60	HXT,RR2	P250	198.4	14.2	1.0	29.8	\$799.9	13
Producers	6944VT3	VT3	P250	198.3	14.5	1.0	29.8	\$797.2	14
Renze	7270RR2	RR2	C250	197.1	14.3	1.0	36.2	\$793.9	17
Renk	RK744VT3	VT3	P250	195.9	12.5	1.0	33.5	\$803.2	12
NuTech	G2 5H-007 [^]	HX,RR2	C250	195.8	13.6	1.0	36.2	\$794.2	15
Mycogen	2C641	RR2	C250	194.8	13.1	1.0	35.3	\$794.0	16
Kruger	K-6010VT3	VT3	C250	194.8	14.5	1.0	36.2	\$783.1	19
Wyffels	W6261	VT3	P250	192.8	15.3	1.0	27.9	\$768.9	23
Renze	1300VT3	VT3	C250	190.6	15.2	1.0	35.3	\$760.9	25
NuTech	G2 5X-007A [^]	HXT,RR2	C250	190.4	13.2	1.0	32.5	\$775.3	21
Dekalb	DKC57-50 GC	VT3	P250	190.4	13.6	1.0	29.8	\$772.3	22
NuTech	1N-109	CB/LL/RW	C250	189.5	14.8	1.0	32.5	\$759.5	27
LG Seeds	LG2529VT3Pro	VT3P	P250	189.0	12.0	1.0	34.4	\$778.7	20
LG Seeds	LG2549VT3	VT3	P250	189.0	13.6	1.0	33.5	\$766.6	24
Dekalb	DKC59-35 GC	VT3	P250	188.1	14.9	1.0	34.4	\$753.2	29
Kruger	K-6408VT3	VT3	P250	187.6	13.7	1.0	36.2	\$760.2	26
LG Seeds	LG2548VT3	VT3	P250	187.5	14.6	1.0	32.6	\$753.0	30
Great Lakes	5939G3VT3	VT3	P250	187.1	13.6	1.0	35.3	\$758.9	28
Pioneer	35K04 CK	HXT,RR2	P250	185.4	15.2	1.0	35.3	\$740.1	32
Test Average =				188.8	14.4	1.0	33.7	\$760.0	
LSD (0.10) =				20.4	0.8	0.5			
C.V. =				7.9	4.2				

TEST COMMENTS: Plot received over 15" of rainfall in June and July together. Some nitrogen loss is suspected to have reduced plant vigor and take the top end off of yield. Despite the wet mid-season weather, the crop recovered reasonably well. There was very little to no lodging observed at this location. Lat: N42.82048, Long: W94.70341

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Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

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