

2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [IANW]
 Jeff Loehr, Webster County, IA 50566 [MOORLAND]

EARLY SEASON TEST
 101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Trellan, Roundup B2IANW06a
 SOIL DESCRIPTION: Canisteo clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: High P, mod. high K, 6.7 pH, 3.5% OM
 PEST MANAGEMENT: Breakfree, Laudis, Atrazine, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 60 Fall, 70 Side
 Applied N-P-K (units): 130-0-0
 SEEDING - RATE: Apr 26 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Sep 11 31,800 /A AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	228.4	24.8	1	32.7	1,670	1
Titan Pro	X82X06	None	MQ,C2	106	218.9	21.1	1	32.0	1,641	2
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	216.6	23.2	1	31.3	1,601	3
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	209.7	22.3	1	27.3	1,559	4
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	206.9	22.4	1	30.7	1,537	5
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	206.6	22.2	1	32.0	1,537	6
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	206.0	21.8	1	30.7	1,537	7
Wyffels	W3007	VT3P	AC,P5V	103	205.8	22.9	1	35.3	1,524	9
Producers	6624VT3Pro	VT3P	AC,P5V	106	205.5	23.3	1	33.3	1,518	10
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	205.3	21.9	1	32.0	1,531	8
Dairyland	DS6903	RR2	AVC,C2	103	200.8	22.4	1	32.7	1,492	13
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	200.3	20.7	1	32.7	1,505	11
Champion	56A13VT3Pro	VT3P	AC,P2	106	200.2	23.6	1	33.3	1,476	15
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	200.0	20.6	1	30.7	1,504	12
Curry	622-18^	HX,RR2	MQ,R,P1V	102	198.4	20.8	1	30.0	1,490	14
Federal	5610SSTAX	STX-R	AC,P2	102	198.4	22.5	1	30.7	1,473	16
Prairie Brand	1032RRHXT	HXT,RR2	AVC,C2	103	197.9	23.7	1	36.0	1,458	18
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	196.1	22.7	1	30.7	1,454	20
Champion	56B13SS	STX	AC,P2	106	196.0	25.4	1	33.3	1,427	24
Titan Pro	1059	None	MQ,C2	105	195.7	22.3	1	33.3	1,455	19
Kruger	K-7303	VT3P	AC,P5V	103	195.1	21.0	1	27.3	1,463	17
Federal	6410SSTAX	STX	AC,P2	106	194.0	24.3	1	32.7	1,423	26
Renk	RK708SSTX	STX	AC,P2	105	193.3	22.7	1	32.0	1,433	23
AgriGold	A6356VT3Pro	VT3P	AC,P5V	105	192.0	23.2	1	34.0	1,419	27
Great Lakes	5368VT3PRO	VT3P	AC,P5V	103	191.6	20.9	1	34.0	1,438	22
Pfister	2225RR	RR2	AC,P2	101	191.0	19.6	1	32.7	1,446	21
Titan Pro	81A04GL	3000GT	MQ,C2	104	189.8	23.1	1	30.7	1,404	29
AgriGold	A6323GT3	3000GT	AC,P5V	103	189.3	23.8	1	34.0	1,393	30
Channel	203-43VT3P	VT3P	AC,P5V	103	189.0	21.6	1	34.7	1,412	28
NuTech	5N-001	3000GT	MQ,R,C2	101	188.8	20.0	1	34.7	1,425	25
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	182.9	21.7	1	32.7	1,365	36
Test Average =					187.7	22.2	1	31.8	1,397	
LSD (0.10) =					16.4	1.6	ns			
C.V. =					6.5	5.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *Ideal soil moisture immediately after planting through V5 allowed for a quick start and was favorable for setting good ear size early on. While this site received only sporadic rainfall throughout the rest of the growing season, ears set kernels to the tips in most cases plant heights were above average, kernels had depth and stalk quality remained strong up to harvest.* Lat: 42.44264, Long: -94.33426

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 Price = \$7.80

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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 comparison product, **ns** = not significantly different

2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [IANW]

Jeff Loehr, Webster County, IA 50566 [MOORLAND]

FULL SEASON TEST

107 - 110 Day CRM

B2IANW06b

PREV. CROP/HERB: Soybean / Treflan, Roundup
 SOIL DESCRIPTION: Canisteo clay loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: High P, mod. high K, 6.7 pH, 3.5% OM
 PEST MANAGEMENT: Breakfree, Laudis, Atrazine, Force 3G
 FERTILITY - Applied N: 60 Fall, 70 Side
 Applied N-P-K (units): 130-0-0

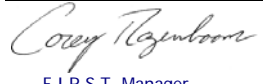
30" ROW SPACING

SEEDED - RATE: Apr 26 35,100 /A
 HARVESTED - STAND: Sep 11 32,600 /A

TOP 30 OF 54 FOR GROSS INCOME (SORTED BY YIELD)

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	201.9	24.2	1	32.7	1,482	1
Viking	52-11N	None	AC,P2	110	196.8	24.5	1	32.7	1,442	2
G2 Genetics	5H-1005^	HX,RR2	MQ,R,P1V	110	189.8	24.1	1	32.0	1,394	4
Champion	60A13VT3Pro	VT3P	AC,P2	110	189.2	22.6	1	30.7	1,404	3
Titan Pro	81A10GL	3000GT	MQ,C2	110	185.4	24.1	1	33.3	1,362	5
Producers	7014VT3	VT3	AC,P5V	110	184.7	23.8	1	33.3	1,359	6
NuTech	5N-910	3000GT	MQ,R,C2	110	183.9	23.4	2	34.7	1,357	7
Pfister	2574SS	STX	AVC,C2	110	183.9	23.8	1	32.0	1,354	9
AgriGold	A6458VT3	VT3	AC,P5V	109	183.6	24.2	1	31.3	1,348	10
Channel	207-13VT3P	VT3P	AC,P5V	107	182.3	22.3	1	33.3	1,355	8
Titan Pro	X2M08	VT3P	AC,P5V	108	179.9	21.2	1	33.3	1,348	11
Curry	627-67^	HX,RR2	MQ,R,P1V	107	179.6	21.8	1	36.0	1,340	12
Pfister	2660GT	3000GT	AVC,C2	110	179.6	24.4	1	34.0	1,317	16
Channel	209-85VT3P	VT3P	AC,P5V	109	178.5	25.1	1	34.0	1,302	19
Renk	RK795VT3P	VT3P	AC,P2	108	177.8	23.2	1	34.7	1,314	17
G2 Genetics	5H-309^	HX,RR2	MQ,R,P1V	109	177.7	24.5	1	30.7	1,302	20
LG Seeds	LG5533VT3Pro	VT3P	AC,P5V	107	177.5	21.4	3	32.0	1,328	14
Dekalb	DKC59-35 GC	VT3	AC,P2	109	175.5	24.2	1	27.3	1,288	22
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	175.2	19.5	1	35.3	1,327	15
Stine	9529VT3Pro	VT3P	AC,P2	107	175.2	21.5	1	27.3	1,310	18
Stine	9728EVT3Pro	VT3P	AC,P2	109	174.6	23.2	1	34.0	1,290	21
Great Lakes	5939G3VT3	VT3	AC,P5V	109	174.1	24.3	1	35.3	1,277	25
Wyffels	W5787	VT3P	AC,P5V	108	172.3	22.8	1	30.0	1,277	26
Wyffels	W6917	VT3P	AC,P5V	111	171.9	23.8	1	32.0	1,265	29
Titan Pro	1071	None	MQ,C2	107	171.6	21.5	1	31.3	1,283	23
Wyffels	W6871	VT3	AC,P5V	110	171.3	24.0	1	34.7	1,259	31
Titan Pro	2M07-SS	STX	AC,P5V	107	171.2	22.2	1	33.3	1,274	27
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	169.8	22.1	1	35.3	1,264	30
Channel	208-48VT3P	VT3P	AC,P5V	108	169.7	20.0	1	30.0	1,281	24
Champion	57A13SS	STX	AC,P2	107	168.8	20.4	1	28.0	1,271	28
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	177.3	19.9	1	34.0	1,340	13
					Test Average =	171.1	22.8	1	32.6	1,268
					LSD (0.10) =	23.7	1.1	2		
					C.V. =	10.2	3.6			



F.I.R.S.T. Manager

TEST COMMENTS: *Ideal soil moisture immediately after planting through V5 allowed for a quick start and was favorable for setting good ear size early on. While this site received only sporadic rainfall throughout the rest of the growing season, ears set kernels to the tips in most cases plant heights were above average, kernels had depth and stalk quality remained strong up to harvest.*

Lat: 42.44264, Long: -94.33426

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 Price = \$7.80

† See last page for Product/Brand, Technology and Seed Treatment information.
 → 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 comparison product, **ns** = not significantly different



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 Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.

Technologies

3111	Agrisure® Viptera™ 3111
3122	Agrisure® 3122
4011	Agrisure® 4011
3000GT	Agrisure® 3000GT
AM1	Optimum® AcreMax® 1
AMX	Optimum® AcreMax® Xtra
CB/LL	Agrisure® CB/LL
CB/LL/RW	Agrisure® CB/LL/RW
Conv	Conventional, non-GMO
GT	Agrisure® GT
GT/CB/LL	Agrisure® GT/CB/LL
HX	HERCULEX® I Insect Protection
HXT	HERCULEX® XTRA Insect Protection
LL	LibertyLink®
OI	Optimum® Intrasect™
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STS	STS® - sulfonylurea tolerant soybeans
STX	SmartStax®
STX-R	SmartStax® Refuge Corn Blend
VT2P	Genuity® VT Double PRO®
VT2P-R	Genuity® VT Double PRO® RIB Corn Blend
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO®
VT3P-R	Genuity® VT Triple PRO® RIB Corn Blend

Seed Treatments

A	Allegiance®
Ac	Acceleron® Products
Am	ApronMaxx®
Ap	Apron XL®
Avc	Avicta® Complete Corn
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed
Ce	Cruiser® Extreme
CMB	CruiserMaxx® Beans
D	Dynasty®
Es	Escalate®
Ex	Excalibre™
G	Gaucho®
I	Inovate™ System
Mq	Maxim® Quattro
Mx	Maxim® XL
None	untreated
O	Optimize®
P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed
Pr	Protinus™
R	Raxil®
Rc	Rancona®
S	Stamina®
SDPI	Servo™ DPI
SS+	SoyShield™ Plus
SStd	SureStand™
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
Th	thiabendazole
V	VOTIVO®
Z	zinc

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Raxil®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Stamina® is a trademark of BASF
- Escalate® is a trademark of Beck's Superior Hybrids, Inc.
- Rancona® is a trademark of Chemtura Corporation.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- SoyShield™ Plus is a trademark of Latham Hi-Tech Seeds
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Double PRO®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Servo DPI™ is a trademark of Ohlde Seed.
- AcreMax®, Intrasect™ and Optimum® are trademarks of Pioneer Hi-Bred.
- SureStand™ is a trademark of Steyer Seeds.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, Dynasty®, Maxim® and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent
- Protinus™ is a trademark of Wolf Trax, Inc.