

2012 BETTER HYBRIDS Harvest Report for Iowa Northwest [IANW]
 Bob Plathe, Kossuth County, IA 50560 [LU VERNE]

EARLY SEASON TEST
 101 - 106 Day CRM

PREV. CROP/HERB: Soybean / Roundup B2IANW02a
 SOIL DESCRIPTION: Fostoria-Clarion loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 5.5% OM
 PEST MANAGEMENT: Corvus, Force 3G 30" ROW SPACING
 FERTILITY - Applied N: 100 Fall, 60 Spring
 Applied N-P-K (units): 160-0-0
 SEEDED - RATE: May 8 35,100 /A TOP 30 OF 63 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 4 35,100 /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
Producers	6624VT3Pro	VT3P	AC,P5V	106	202.7	13.0	1	34.7	1,581	1
G2 Genetics	5H-202^	HX,RR2	MQ,R,P1V	102	202.5	14.4	4	38.7	1,580	2
LG Seeds	LG5550VT3Pro	VT3P	AC,P5V	106	199.6	13.3	1	34.7	1,557	3
Wyffels	W3007	VT3P	AC,P5V	103	199.5	12.5	1	34.0	1,556	4
Curry	624-41^	HX,RR2	MQ,R,P1V	104	197.6	15.1	1	34.7	1,540	5
G2 Genetics	5H-0504^	HX,RR2	MQ,R,P1V	105	197.4	14.4	1	35.3	1,540	6
Champion	56A13VT3Pro	VT3P	AC,P2	106	193.6	16.8	1	34.0	1,493	11
G2 Genetics	5H-806^	HX,RR2	MQ,R,P1V	106	193.0	15.7	2	34.0	1,499	8
Pfister	2225RR	RR2	AC,P2	101	192.4	13.3	1	36.0	1,501	7
Channel	204-06VT3P	VT3P	AC,P5V	104	191.6	14.9	1	34.7	1,495	9
Wyffels	W4797	VT3P	AC,P5V	106	191.5	13.0	1	33.3	1,494	10
Prairie Brand	1022RR	RR2	AC,P2	102	191.2	13.7	1	33.3	1,491	12
Channel	203-43VT3P	VT3P	AC,P5V	103	189.2	14.4	1	38.0	1,476	13
AgriGold	A6356VT3Pro	VT3P	AC,P5V	105	188.8	15.7	1	36.7	1,466	15
Producers	XP6104VT3Pro	VT3P	AC,P5V	101	188.7	13.1	1	36.0	1,472	14
Kruger	K-7303	VT3P	AC,P5V	103	188.4	15.9	1	31.3	1,461	18
Curry	622-18^	HX,RR2	MQ,R,P1V	102	187.9	15.4	1	35.3	1,462	17
LG Seeds	LG2531VT3Pro	VT3P	AC,P5V	106	187.7	14.1	1	35.3	1,464	16
Federal	5420VT3P	VT3P	AC,P2	101	185.4	12.0	1	35.3	1,446	20
NuTech	5N-001	3000GT	MQ,R,C2	101	184.8	15.5	1	35.3	1,437	21
Viking	50-04N	None	MQ,C2	104	184.4	16.2	1	34.0	1,427	22
Dekalb	DKC53-78RIB GC	STX-R	AC,P2	103	182.8	12.6	1	35.3	1,426	23
G2 Genetics	5X-903^	HXT,RR2	MQ,R,P1V	103	182.5	15.2	1	32.7	1,422	24
Great Lakes	5643VT3PRO	VT3P	AC,P5V	106	182.3	15.6	1	34.7	1,417	26
NuTech	5B-604	GT/CB/LL	MQ,R,C2	104	182.0	15.2	3	35.3	1,418	25
Titan Pro	1059	None	MQ,C2	105	181.4	15.6	1	36.0	1,410	27
LG Seeds	LG5522VT3Pro	VT3P	AC,P5V	103	180.5	12.6	1	36.7	1,408	28
Dekalb	DKC55-09RIB GC	STX-R	AC,P2	105	178.0	14.8	1	37.3	1,388	29
Federal	6410SSTAX	STX	AC,P2	106	177.7	15.7	1	35.3	1,380	30
Champion	56B13SS	STX	AC,P2	106	174.3	16.1	2	34.7	1,350	31
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	186.8	14.9	1	35.3	1,457	19
Test Average =					177.1	14.8	2	35.1	1,378	
LSD (0.10) =					18.0	1.4	2			
C.V. =					7.5	7.1				


 F.I.R.S.T. Manager

TEST COMMENTS: Excessively hot and dry mid-season conditions during pollination caused significant tipback & shorter ear lengths that varied by product in the test. However, top performing hybrids with healthy root systems utilized limited rainfall late in the season for good kernel depth. Despite some early August cannibalism, stalk quality and standability at harvest was excellent. Lat: 42.98845, Long: -94.20033

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]

Bob Plathe, Kossuth County, IA 50560 [LU VERNE]

FULL SEASON TEST
107 - 110 Day CRM

B2IANW02b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Fostoria-Clarion loam, mod. well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 5.5% OM
 PEST MANAGEMENT: Corvus, Force 3G
 FERTILITY - Applied N: 100 Fall, 60 Spring
 Applied N-P-K (units): 160-0-0

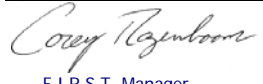
30" ROW SPACING

 SEEDED - RATE: May 8 35,100 /A
 HARVESTED - STAND: Oct 4 35,100 /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
Champion	60A13VT3Pro	VT3P	AC,P2	110	221.7	16.8	1	33.3	1,709	1
Wyffels	W6871	VT3	AC,P5V	110	209.0	17.3	1	34.7	1,606	3
Wyffels	W6917	VT3P	AC,P5V	111	208.5	17.5	1	34.7	1,600	4
Champion	58A13SS	STX	AC,P2	108	207.9	16.1	1	36.7	1,610	2
NuTech	5B-410	GT/CB/LL	MQ,R,C2	110	203.3	16.9	1	34.0	1,566	5
Viking	52-11N	None	AC,P2	110	203.3	17.1	1	35.3	1,564	6
NK Brand	N63R-3000GT	3000GT	CE,C2	109	202.0	16.8	2	37.3	1,557	9
Titan Pro	2M07-SS	STX	AC,P5V	107	201.7	15.9	1	36.0	1,564	7
Great Lakes	5785VT3PRO	VT3P	AC,P5V	107	200.4	14.7	1	34.0	1,563	8
Renk	RK795VT3P	VT3P	AC,P2	108	200.2	16.9	1	35.3	1,543	11
AgriGold	A6408VT3Pro	VT3P	AC,P5V	107	198.1	13.2	1	34.0	1,545	10
Renze	CX12110HXT/LL/RR	HXT,RR2	AVC,C2	109	197.9	17.1	1	34.7	1,523	13
Titan Pro	X2M08	VT3P	AC,P5V	108	197.1	16.0	1	36.0	1,528	12
Kruger	K-7810	VT3P	AC,P5V	110	195.8	16.3	2	36.0	1,515	15
Pfister	2574SS	STX	AVC,C2	110	195.0	17.9	2	34.0	1,493	24
Kruger	K4R-9710	STX-R	AC,P5V	110	194.7	16.9	1	34.0	1,500	17
Titan Pro	81A10GL	3000GT	MQ,C2	110	194.7	17.0	1	38.0	1,499	18
Producers	6794VT3Pro	VT3P	AC,P5V	107	194.2	13.5	1	36.7	1,515	14
Curry	627-67^	HX,RR2	MQ,R,P1V	107	193.7	15.9	1	34.7	1,502	16
LG Seeds	LG2555VT3	VT3	AC,P5V	110	193.6	16.5	7	35.3	1,496	22
Stine	9529VT3Pro	VT3P	AC,P2	107	193.4	16.0	1	33.3	1,499	19
eMerge	SX600	None	MQ,C2	107	193.1	16.3	1	33.3	1,494	23
Kruger	K-7907	VT3P	AC,P5V	107	192.1	14.0	1	35.3	1,498	20
AgriGold	A6403VT3Pro	VT3P	AC,P5V	107	192.1	14.9	1	34.0	1,498	21
G2 Genetics	5Z-008^	OI,RR2	MQ,R,P1V	108	191.5	16.2	1	34.7	1,482	25
Titan Pro	1071	None	MQ,C2	107	190.3	15.9	10	36.7	1,476	26
G2 Genetics	5Z-407^	OI,RR2	MQ,R,P1V	107	189.4	15.9	1	36.7	1,469	27
Channel	209-85VT3P	VT3P	AC,P5V	109	189.3	17.5	6	37.3	1,453	31
Producers	7014VT3	VT3	AC,P5V	110	188.9	16.0	1	35.3	1,464	28
Pioneer	34F07 GC	HX,RR2	MQ,C2	110	187.8	15.9	1	37.3	1,456	29
Pioneer	P0528XR CK	HXT,RR2	CE,C2	105	186.4	14.6	1	34.7	1,454	30
Test Average =					189.1	16.1	2	35.1	1,463	
LSD (0.10) =					18.5	0.9	4			
C.V. =					7.2	4.0				


 F.I.R.S.T. Manager

TEST COMMENTS: *Excessively hot and dry mid-season conditions during pollination caused significant tipback & shorter ear lengths that varied by product in the test. However, top performing hybrids with healthy root systems utilized limited rainfall late in the season for good kernel depth. Despite some early August cannibalism, stalk quality and standability at harvest was excellent.* Lat: 42.98845, Long: -94.20033

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.