

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]

Dave Wiebke, Plymouth County, IA 51050 [REMSEN]

EARLY SEASON TEST
101 - 106 Day CRM

B1IANW04a

 PREV. CROP/HERB: Soybean / Flexstar, Select, Pursuit
 SOIL DESCRIPTION: Galva-Primghar silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.3 pH, 5% OM
 PEST MANAGEMENT: Capreno, Force 3G
 FERTILITY - Applied N: 53 Fall, 20 Spring, 50 Sidedress,
 Applied N-P-K (units): 123-60-50

30" ROW SPACING

 SEEDED - RATE: May 2 35,100 /A
 HARVESTED - STAND: Sep 27 34,800 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
Great Lakes	5339GT3	3000GT	P500,V	103	210.7	26.7	2.0	36.1	1,455.4	1	
AgriGold	A6319VT3Pro	VT3P	P500,V	103	205.6	25.5	1.0	35.3	1,426.4	2	
Titan Pro	80A05GL	3000GT	C250	105	202.6	25.5	2.0	32.0	1,405.5	3	
Wyffels	W4267	VT3P	P250	105	199.3	23.5	1.0	35.2	1,392.6	4	
Renk	RK708VT3P	VT3P	P250	105	199.1	24.2	1.0	36.1	1,387.7	5	
Great Lakes	5643VT3PRO	VT3P	P500,V	106	198.3	28.6	1.0	36.9	1,360.3	8	
Kruger	K-6201VT3	VT3	P500,V	101	196.8	26.2	4.7	34.4	1,361.9	7	
Stine	9529VT3Pro*	VT3P	C250	106	196.5	26.4	8.7	32.0	1,358.8	9	
Producers	6374VT3	VT3	P500,V	103	196.4	24.9	3.0	36.9	1,365.5	6	
Renze	2222-3000GT*	3000GT	C250	104	195.1	25.5	1.0	32.0	1,353.5	10	
Gold Country	103-09	VT3	P250	103	194.0	25.3	11.3	36.1	1,346.8	12	
NK Brand	N47V-3000GT GC	3000GT	C250	101	193.4	23.3	3.0	32.0	1,352.3	11	
Great Lakes	5157G3VT3	VT3	P500,V	101	193.3	25.1	2.0	36.1	1,343.0	13	
G2 Genetics	5H-905^	HX,RR2	C250	105	193.1	26.9	2.0	34.4	1,332.9	14	
Dyna-Gro	D40SS09	STX	P250	100	191.9	27.3	3.0	36.9	1,322.7	16	
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	191.6	27.1	6.3	33.6	1,321.6	18	
Dairyland	ST-9206SSX	STX	C250	104	191.4	26.6	1.0	36.9	1,322.6	17	
Viking	50-04N	none	C250	104	189.6	24.6	2.0	36.9	1,319.6	19	
Dekalb	DKC53-78 GC	STX	P250	103	189.5	23.4	4.7	36.1	1,324.6	15	
Wyffels	W4179	3000GT	C250	105	187.3	26.1	2.0	34.4	1,296.6	21	
G2 Genetics	5H-0701^	HX,RR2	C250	106	187.1	26.9	1.0	34.4	1,291.5	23	
Jung	7V546	VT3P	P500	102	186.6	24.9	3.0	36.9	1,297.3	20	
Trelay	6VP125	VT3P	P500,V	102	186.1	24.7	1.0	36.9	1,294.8	22	
Trelay	6ST620	STX	P500,V	106	185.6	27.8	6.3	32.0	1,276.9	26	
Stine	9523VT3*	VT3	C250	104	185.2	24.6	3.0	33.6	1,289.0	24	
Renk	RK698VT3	VT3	P250	102	184.5	26.5	2.0	34.5	1,275.4	27	
Kruger	K-6102VT3	VT3	P500,V	102	183.7	22.6	2.0	35.3	1,287.7	25	
Dyna-Gro	D45VC90	VT2P	P250	105	181.7	28.6	2.0	30.3	1,246.5	29	
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	177.6	26.2	6.0	34.4	1,229.0	31	
Renze	CX17104RR2*	RR2	P250	104	175.9	23.4	2.0	35.2	1,229.5	30	
Pioneer	P0528 CK	none	C250	105	183.8	26.1	1.0	40.2	1,272.4	28	
					Test Average =	176.9	25.9	4.1	34.8	1,225.4	
					LSD (0.10) =	16.4	1.5	5.7			
					C.V. =	6.8	4.4				


 Corey Rozenboom
 F.I.R.S.T. Manager

TEST COMMENTS: This location had some favorable weather early in the growing season that allowed for ears with more kernels per row than could actually be filled due to hot and dry weather that followed in July and August. Tip dieback from 1/4" to 1" was very common. Top hybrids here also had good standability from a wind event that caused susceptible hybrids to greensnap. Lat: N42.74298, Long: W-95.95943

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.20

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **C** - Cruiser, **P** - Poncho, **250, 500, and 1250** = 0.25, 0.5, and 1.25 q 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 comparison product, * = brands without a seed lot number; **ns** = not significantly different

2011 BETTER HYBRIDS Harvest Report for Iowa North West [IANW]

Dave Wiebke, Plymouth County, IA 51050 [REMSEN]

FULL SEASON TEST
107 - 110 Day CRM

B1IANW04b

 PREV. CROP/HERB: Soybean / Flexstar, Select, Pursuit
 SOIL DESCRIPTION: Galva-Primghar silty clay loam, well drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Mod. High P, mod. high K, 6.3 pH, 5% OM
 PEST MANAGEMENT: Capreno, Force 3G
 FERTILITY - Applied N: 53 Fall, 20 Spring, 50 Sidedress,
 Applied N-P-K (units): 123-60-50

30" ROW SPACING

 SEEDED - RATE: May 2 35,100 /A
 HARVESTED - STAND: Sep 27 34,800 /A

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

AVERAGE of (3) REPLICATIONS

Company/Brand	Product/Brand	Technology [†]	IST ^{††}	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
AgriGold	A6458VT3	VT3	P500,V	110	228.8	30.3	1.0	35.3	1,559.8	3
LG Seeds	LG2555VT3	VT3	P500,V	110	228.7	29.3	1.0	36.9	1,564.9	2
Great Lakes	5939G3VT3	VT3	P500,V	109	228.4	28.8	1.0	36.9	1,565.7	1
Producers	6944VT3	VT3	P500,V	108	224.9	28.4	1.0	35.2	1,543.9	4
LG Seeds	LG2549VT3	VT3	P500,V	109	222.0	31.3	1.0	36.9	1,507.9	6
Renk	RK818VT3P	VT3P	P250	108	221.8	27.9	1.0	37.7	1,525.4	5
Stine	9531VT3Pro*	VT3P	C250	107	218.3	29.3	1.0	32.8	1,493.7	7
Fielders Choice	NG6731	VT3	P250	107	215.4	28.7	1.0	36.1	1,477.1	8
Stine	9731VT3Pro*	VT3P	C250	110	214.5	31.5	2.0	30.3	1,455.9	10
Wyffels	W6871	VT3	P250	110	212.9	31.7	1.0	35.3	1,444.0	13
Producers	7014VT3	VT3	P500,V	110	212.6	31.2	1.0	35.2	1,444.6	12
Kruger	K-6408VT3	VT3	P500,V	108	212.4	27.6	1.0	31.2	1,462.4	9
Titan Pro	80A08GL	3000GT	C250	108	210.9	27.7	1.0	35.3	1,451.5	11
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	209.2	30.1	1.0	33.6	1,427.3	14
AgriGold	A6476VT3Pro	VT3P	P500,V	110	209.2	31.2	1.0	36.1	1,421.5	17
NK Brand	N61P-3000GT GC	3000GT	C250	107	207.8	28.6	1.0	31.1	1,425.5	15
NuTech	5N-1004*	3000GT	C250	110	207.3	28.5	1.0	33.6	1,422.6	16
Channel	209-77VT3	VT3	P500,V	109	205.8	28.6	2.0	37.7	1,411.8	18
Trelay	6VT823	VT3	P500,V	107	205.2	29.1	1.0	37.7	1,405.1	19
AgriGold	A6384VT3Pro	VT3P	P500,V	106	202.9	29.7	1.0	36.1	1,386.3	20
Fielders Choice	NG6723	VT3	P250	110	201.7	29.3	2.0	32.8	1,380.1	21
NuTech	5B-1003*	GT/CB/LL	C250	110	199.2	32.3	1.0	32.8	1,348.1	22
G2 Genetics	5X-411^*	HXT,RR2	C250	111	197.7	35.2	1.0	31.2	1,323.6	24
Channel	209-85VT3P	VT3P	P500,V	109	193.9	29.5	5.7	36.1	1,325.8	23
Great Lakes	5770VT3PRO	VT3P	P500,V	107	192.7	28.5	3.0	33.6	1,322.4	26
Titan Pro	81A10	CB/LL/RW	C250	110	192.5	33.4	2.0	37.7	1,297.5	29
Renk	RK744VT3P	VT3P	P250	107	192.1	27.6	8.0	34.4	1,322.6	25
Viking	57-07N	none	C250	107	190.0	27.8	4.7	32.8	1,307.2	28
Wyffels	W5077	VT3P	P250	107	184.9	28.6	2.0	36.1	1,268.4	30
Fielders Choice	NG6788	VT3	P250	111	183.9	28.7	2.0	36.1	1,261.1	31
Pioneer	P0528 CK	none	C250	105	191.1	26.5	1.0	30.3	1,321.0	27
Test Average =					194.4	29.9	2.5	34.8	1,327.6	
LSD (0.10) =					11.9	1.8	3.9			
C.V. =					4.5	4.5				


 F.I.R.S.T. Manager

TEST COMMENTS: *This location had some favorable weather early in the growing season that allowed for ears with more kernels per row than could actually be filled due to hot and dry weather that followed in July and August. Tip dieback from 1/4" to 1" was very common. Top hybrids here also had good standability from a wind event that caused susceptible hybrids to greensnap.* Lat: N42.74298, Long: W-95.95943

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$7.20

[†] TECHNOLOGY: **Corn Borer** - 3000GT, 3111, CB, HX, HXT, STX, VT2P, VT3, VT3P; **Corn Rootworm** - 3000GT, 3111, AMRW, HXT, RW, STX, VT3, VT3P; **Glyphosate** - 3000GT, 3111, GT, RR2, STX, VT2P, VT3, VT3P; **Liberty** - 3000GT, 3111, HX, HXT, LL, STX

^{††} IST: **AV** - Avicta, **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 comparison product, * = brands without a seed lot number, **ns** = not significantly different

 Complete brands tested list & searchable database available at www.firstseedtests.com

AgSCI Copyright 2011

Report Date: 9/28/2011

Revised:



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Seed. Supreme EX® brand seed is distributed by Seed Consultants, Inc. XL™ and Phoenix™ brand seeds are distributed by Beck's Superior Hybrids. G2®, RPM®, Supreme EX®, and XL™ are trademarks of Pioneer Hi-Bred.

Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Viptera™ 3111
AMRW	Optimum® AcreMax™ Rootworm Protection
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® herbicide tolerance
RR	Roundup Ready® Soybeans
RR2	Roundup Ready® Corn 2
RR2Y	Genuity® Roundup Ready 2 Yield®
STX	SmartStax®
STS	STS® herbicide tolerance
VT2P	Genuity® VT Double PRO™
VT3	YieldGard VT Triple®
VT3P	Genuity® VT Triple PRO™

Seed Treatments

A	Allegiance®
AC	Acceleron®
AM	ApronMaxx®
AP	Apron XL®
AV	Avicta®
C	Cruiser®
CM	CruiserMaxx®
E	Excalibre™
I	Inovate™ System
G	Gaucho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

Trademarks

- Excalibre™ is a trademark of Advanced Biological Marketing
- Allegiance®, Gaucho®, LibertyLink®, Poncho®, Trilex®, and VOTIVO™ are trademarks of Bayer AG.
- Herculex® is a trademark of Dow AgroSciences LLC.
- STS® is a registered trademark of E.I. DuPont Nemours & Co.
- Optimize® is a trademark of EMD Crop BioScience Inc.
- Acceleron®, Genuity®, Roundup Ready®, Roundup Ready 2 Yield®, SmartStax®, VT Triple PRO®, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC.
- Optimum® and AcreMax® are trademarks of Pioneer Hi-Bred.
- Agrisure®, ApronMaxx®, ApronXL®, Avicta®, Cruiser®, CruiserMaxx®, and Viptera™ are trademarks of a Syngenta Group Company.
- Inovate™ System is a trademark of Valent