

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

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

EARLY SEASON TEST
101 - 106 Day CRM

B1IANW02a

 PREV. CROP/HERB: Soybean / Valor, Roundup
 SOIL DESCRIPTION: Kossuth-Clarion silty clay 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: Harness, Callisto, Atrazine, Force 3G
 FERTILITY - Applied N: 100 Fall, 60 Spring,
 Applied N-P-K (units): 160-0-0

30" ROW SPACING

 SEEDED - RATE: May 4 35,100 /A
 HARVESTED - STAND: Sep 29 32,600 /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
Dekalb	DKC53-78 GC	STX	P250	103	212.7	23.0	1.0	31.1	1,403.8	1
Kruger	K-6201VT3	VT3	P500,V	101	210.2	23.6	2.0	34.4	1,384.2	2
Stine	9529VT3Pro*	VT3P	C250	106	209.8	27.3	2.0	31.2	1,362.1	4
Trelay	6ST576	STX	P500,V	104	207.2	26.2	1.0	34.4	1,350.9	5
Dairyland	ST-9303SSX	STX	C250	103	205.0	24.8	1.0	33.6	1,343.8	6
Producers	6694VT3Pro	VT3P	P250	106	204.9	24.8	2.0	30.3	1,343.1	7
Viking	D44-06RL	STX	C250	106	203.8	26.9	1.0	32.8	1,325.2	9
Kruger	K4-9205	STX	P500,V	105	202.3	26.8	1.0	31.1	1,316.0	10
Renk	RK708VT3P	VT3P	P250	105	202.0	24.1	1.0	32.8	1,327.6	8
Gold Country	101-99	STX	P250	104	201.2	26.6	1.0	32.8	1,309.8	11
Dyna-Gro	D44SS49	STX	P250	104	200.7	26.8	1.0	36.9	1,305.6	13
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	200.1	25.3	1.0	31.2	1,309.2	12
Gold Country	103-09	VT3	P250	103	199.4	26.5	1.0	33.6	1,298.6	14
Great Lakes	5339GT3	3000GT	P500,V	103	197.9	25.0	1.0	34.4	1,296.2	15
G2 Genetics	5H-905^	HX,RR2	C250	105	197.8	25.6	1.0	36.1	1,292.6	16
LG Seeds	LG2535STX	STX	P500,V	106	197.5	26.6	1.0	32.0	1,285.7	21
Great Lakes	5643VT3PRO	VT3P	P500,V	106	196.9	27.5	4.7	29.5	1,277.4	24
Wyffels	W4267	VT3P	P250	105	196.6	24.9	1.0	29.5	1,288.2	19
AgriGold	A6319VT3Pro	VT3P	P500,V	103	196.6	24.9	2.0	32.0	1,288.2	20
Producers	6374VT3	VT3	P500,V	103	196.4	24.3	3.7	30.3	1,289.9	17
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	196.4	24.6	1.0	30.3	1,288.4	18
Viking	50-04N	none	C250	104	195.5	25.6	1.0	31.2	1,277.6	23
Trelay	6VP125	VT3P	P500,V	102	194.5	24.5	1.0	34.4	1,276.4	25
Dairyland	ST-9206SSX	STX	C250	104	194.5	27.4	2.0	35.2	1,262.3	27
Jung	7S555	STX	P500	102	193.7	22.9	1.0	36.1	1,278.9	22
Jung	7V570	VT3P	P500	105	193.7	26.6	1.0	34.5	1,261.0	28
Wyffels	W2757	VT3P	P250	102	193.2	25.0	1.0	32.8	1,265.5	26
LG Seeds	LG2525RR	RR2	P500,V	105	192.2	25.1	1.0	32.8	1,258.4	29
AgriGold	A6329VT3Pro	VT3P	P500,V	105	192.1	25.2	3.0	32.0	1,257.3	31
Kruger	K-6102VT3	VT3	P500,V	102	189.8	22.0	1.0	32.0	1,257.4	30
Pioneer	P0528 CK	none	C250	105	207.5	23.6	1.0	32.0	1,366.4	3
Test Average =					191.9	25.3	1.4	32.6	1,255.7	
LSD (0.10) =					15.3	1.4	1.6			
C.V. =					5.9	4.0				



F.I.R.S.T. Manager

TEST COMMENTS: *Early seasonal rains helped this site get off to a great start all the way up to pollination. Kernel set was nearly to the tip on ears across the testing site. Hot and dry weather from mid-July through mid-August followed, lowering kernel weights and yields. Top performing hybrids here needed to have good tolerance to Grey leaf spot and Stewart's leaf blight.* Lat: N42.98072, Long: W-94.19814

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$6.80

[†] 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

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Report Date: 9/30/2011

Revised:

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

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

FULL SEASON TEST
107 - 110 Day CRM

B1IANW02b

PREV. CROP/HERB: Soybean / Valor, Roundup
 SOIL DESCRIPTION: Kossuth-Clarion silty clay 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: Harness, Callisto, Atrazine, Force 3G
 FERTILITY - Applied N: 100 Fall, 60 Spring,
 Applied N-P-K (units): 160-0-0

30" ROW SPACING

SEEDED - RATE: May 4 35,100 /A
 HARVESTED - STAND: Sep 29 32,700 /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
Channel	209-77VT3	VT3	P500,V	109	218.0	29.3	1.0	33.6	1,404.5	1
LG Seeds	LG2555VT3	VT3	P500,V	110	216.3	31.9	1.0	30.3	1,379.5	3
Channel	209-85VT3P	VT3P	P500,V	109	214.2	29.3	1.0	34.4	1,380.0	2
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	207.2	29.1	1.0	32.8	1,335.9	4
LG Seeds	LG2549VT3	VT3	P500,V	109	207.1	29.6	1.0	32.8	1,332.7	5
Wyffels	W6871	VT3	P250	110	205.8	30.4	1.0	30.3	1,320.2	8
Trelay	6VT823	VT3	P500,V	107	205.7	29.8	1.0	32.0	1,322.7	6
Gold Country	110-35	VT3	P250	110	204.8	30.0	1.0	32.8	1,315.8	10
Fielders Choice	NG6731	VT3	P250	107	204.7	28.7	1.0	32.0	1,321.9	7
Great Lakes	5939G3VT3	VT3	P500,V	109	202.2	29.6	1.0	33.6	1,301.2	11
Fielders Choice	NG6723	VT3	P250	110	200.3	29.1	1.0	32.8	1,291.4	12
Producers	6944VT3	VT3	P500,V	108	200.2	29.1	1.0	33.6	1,290.8	13
Titan Pro	81A10	CB/LL/RW	C250	110	200.0	30.4	1.0	33.6	1,283.0	15
Kruger	K-6408VT3	VT3	P500,V	108	199.5	28.4	1.0	34.4	1,289.8	14
Fielders Choice	NG6788	VT3	P250	111	198.6	29.5	1.0	36.1	1,278.5	16
Stine	9731VT3Pro*	VT3P	C250	110	197.6	30.0	1.0	32.8	1,269.6	18
Stine	9531VT3Pro*	VT3P	C250	107	196.9	29.8	1.0	33.6	1,266.1	21
Wyffels	W7147	VT3P	P250	111	196.6	32.4	2.0	33.6	1,251.4	27
Titan Pro	80A08GL	3000GT	C250	108	196.5	28.4	1.0	36.1	1,270.4	17
Renk	RK818VT3P	VT3P	P250	108	196.4	28.6	1.0	34.4	1,268.7	19
NK Brand	N61P-3000GT GC	3000GT	C250	107	196.1	29.3	3.7	31.1	1,263.4	24
NuTech	5N-1004*	3000GT	C250	110	195.9	28.1	1.0	27.1	1,268.0	20
Great Lakes	5770VT3PRO	VT3P	P500,V	107	195.9	28.5	1.0	29.5	1,266.0	22
Renk	RK744VT3P	VT3P	P250	107	195.5	28.1	1.0	33.6	1,265.4	23
Fielders Choice	NG6710	VT3P	P250	108	194.9	27.9	4.7	35.3	1,262.5	25
AgriGold	A6458VT3	VT3	P500,V	110	194.9	31.1	1.0	36.1	1,246.9	28
G2 Genetics	5X-909^*	HXT,RR2	C250	109	194.6	28.9	1.0	32.8	1,255.7	26
Channel	210-57STX	STX	P500,V	110	194.5	31.4	1.0	32.0	1,242.9	29
Producers	7014VT3	VT3	P500,V	110	193.3	30.0	1.0	28.7	1,242.0	30
Renk	RK741VT3P	VT3P	P250	108	190.3	27.0	1.0	32.0	1,237.0	31
Pioneer	P0528 CK	none	C250	105	201.4	25.2	1.0	27.1	1,318.2	9
Test Average =					195.9	29.5	1.2	32.7	1,260.8	
LSD (0.10) =					13.5	2.1	1.3			
C.V. =					5.0	5.2				



F.I.R.S.T. Manager

TEST COMMENTS: *Early seasonal rains helped this site get off to a great start all the way up to pollination. Kernel set was nearly to the tip on ears across the testing site. Hot and dry weather from mid-July through mid-August followed, lowering kernel weights and yields. Top performing hybrids here needed to have good tolerance to Grey leaf spot and Stewart's leaf blight.*

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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	Gaicho®
O	Optimize®
P	Poncho®
T	Trilex®
T2	Trilex® 2000
T6	Trilex® 6000
V	VOTIVO®

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