

2011 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]

Bob Wamsley, Butler County, IA 50636 [GREENE]

EARLY SEASON TEST

101 - 106 Day CRM

B1IANC09a

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Waukee-Floyd silt loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITION: Moderate P, high K, 6.2 pH, 3.8% OM
 PEST MANAGEMENT: G-Max Lite, Force 3G
 FERTILITY - Applied N: 131 Spring,
 Applied N-P-K (units): 131-78-90
 SEEDED - RATE: May 7 35,100 /A
 HARVESTED - STAND: Oct 17 33,900 /A

TOP 30 OF 78 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
Kruger	K-6201VT3	VT3	P500,V	101	184.2	17.0	11.0	34.4	1,049.9	2
Great Lakes	5339GT3	3000GT	P500,V	103	184.1	16.7	2.0	33.6	1,052.1	1
Fontanelle	5T426	VT3	P250	102	183.1	16.8	6.0	38.6	1,045.5	4
Gold Country	103-09	VT3	P250	103	183.0	17.3	14.0	32.0	1,040.4	6
Dekalb	DKC55-09 GC	STX	P250	105	182.8	16.4	1.0	32.8	1,047.4	3
Dekalb	DKC53-78 GC	STX	P250	103	181.6	16.5	2.0	32.0	1,039.7	7
G2 Genetics	5X-903^	HXT,RR2	P1250,V	103	181.2	17.1	3.0	32.8	1,031.9	8
Wyffels	W4267	VT3P	P250	105	178.9	16.6	3.0	28.7	1,023.3	10
Kruger	K-6102VT3	VT3	P500,V	102	178.3	15.7	1.0	36.9	1,027.9	9
Steyer	10603	STX	P250	106	178.0	16.8	1.0	33.6	1,016.4	11
AgriGold	A6323GT3	3000GT	P500,V	103	176.7	17.1	2.0	35.3	1,006.3	16
LG Seeds	LG2508VT3Pro	VT3P	P500,V	104	176.6	17.1	1.0	36.1	1,005.7	17
Renk	RK708VT3P	VT3P	P250	105	176.5	16.8	1.0	32.8	1,007.8	13
Jung	7S555	STX	P500	102	176.1	16.7	2.0	29.5	1,006.4	15
G2 Genetics	5H-905^	HX,RR2	C250	105	175.8	16.4	3.7	32.0	1,007.3	14
Jung	7V570	VT3P	P500	105	175.5	16.4	1.0	35.3	1,005.6	18
Cornelius	C344VT3P	VT3P	C250	103	175.4	15.8	15.0	36.1	1,010.3	12
Fielders Choice	NG6731	VT3	P250	107	175.4	17.1	1.0	33.6	998.9	19
Steyer	10302	3000GT	C250	103	174.0	16.2	2.0	36.9	998.8	20
Epley	E1418GT3000	3000GT	C250	104	173.9	16.3	3.7	35.3	997.3	21
Renze	1219VT3	VT3	C250	103	173.8	16.6	2.0	33.6	994.1	22
G2 Genetics	5H-0601^	HX,RR2	P1250,V	106	173.7	17.1	19.7	33.6	989.2	25
G2 Genetics	5H-502^*	HX,RR2	C250	102	173.4	16.7	2.0	34.4	991.0	23
Gold Country	101-99	STX	P250	104	173.1	16.6	2.0	32.0	990.1	24
Viking	D44-06RL	STX	C250	106	172.9	17.2	3.0	33.6	983.8	28
Dairyland	ST-9303SSX	STX	C250	103	171.5	16.0	3.0	34.4	986.1	27
Pioneer	P0210HR GC	HX,RR2	P1250,V	102	171.2	15.7	19.7	31.2	987.0	26
Trelay	6ST576	STX	P500,V	104	170.3	16.3	1.0	34.5	976.7	29
Fielders Choice	NG6705	STX	P250	108	169.9	16.6	14.7	32.8	971.8	31
Croplan	5237SS GC	STX	C250	102	168.9	15.9	1.0	34.4	972.0	30
Pioneer	P0533XR CK	HXT,RR2	C250	105	182.4	16.8	3.0	36.1	1,041.5	5
Test Average =					167.3	16.6	8.4	33.9	957.0	
LSD (0.10) =					15.7	1.2	17.0			
C.V. =					7.0	5.4				



F.I.R.S.T. Manager

TEST COMMENTS: Consistent rains right up to pollination allowed for a good stand and tall plants. Dry weather combined with high incidence of Gray leaf spot and corn aphids provided enough stress to cause kernel abortion from the tip that varied by hybrid maturity. These stresses also favored stalk rot development which led to the high lodging ratings that are noted here.

Lat: N42.80757, Long: W-92.72282

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.050 Price = \$5.80

[†] 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: 10/19/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Iowa North Central [IANC]

Bob Wamsley, Butler County, IA 50636 [GREENE]

FULL SEASON TEST

107 - 110 Day CRM

B1IANC09b

 PREV. CROP/HERB: Soybean / Roundup
 SOIL DESCRIPTION: Waukee-Floyd silt loam, moderately drained, minimum w/o fall till, non-irrigated
 SOIL CONDITIONS: Moderate P, high K, 6.2 pH, 3.8% OM
 PEST MANAGEMENT: G-Max Lite, Force 3G
 FERTILITY - Applied N: 131 Spring,
 Applied N-P-K (units): 131-78-90

30" ROW SPACING

 SEEDED - RATE: May 7 35,100 /A
 HARVESTED - STAND: Oct 17 33,100 /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
AgriGold	A6476VT3Pro	VT3P	P500,V	110	205.5	18.7	1.0	29.5	1,153.9	1
FS Seeds	FS 60TV4	VT3P	C250	110	203.4	18.7	1.0	35.3	1,142.1	2
Cornelius	C594VT3P	VT3P	P250	109	200.8	18.6	1.0	32.8	1,128.5	3
Wyffels	W7147	VT3P	P250	111	200.1	18.7	2.0	36.1	1,123.6	4
AgriGold	A6458VT3	VT3	P500,V	110	199.7	19.2	2.0	33.6	1,116.3	6
G2 Genetics	5H-0701^	HX,RR2	C250	106	197.3	17.8	1.0	32.0	1,116.7	5
Channel	209-85VT3P	VT3P	P500,V	109	197.1	18.7	1.0	35.3	1,106.7	7
Fontanelle	6V879	VT3P	P500,V	107	194.5	17.7	1.0	32.0	1,101.8	8
LG Seeds	LG2555VT3	VT3	P500,V	110	194.4	20.5	2.0	34.4	1,074.1	15
Renk	RK795VT3P	VT3P	P250	109	194.0	18.5	1.0	30.3	1,091.3	9
Channel	210-57STX	STX	P500,V	110	193.9	18.8	1.0	34.4	1,087.8	10
Cornelius	C623VT3P	VT3P	P250	110	192.6	18.4	2.0	31.2	1,084.3	11
Channel	210-61VT3	VT3	P500,V	110	192.4	19.3	2.0	32.0	1,074.6	13
Kruger	K4-9710	STX	P500,V	110	191.3	18.9	1.0	32.8	1,072.2	16
Channel	209-77VT3	VT3	P500,V	109	190.8	18.2	2.0	32.0	1,076.1	12
NK Brand	N63R-3000GT GC	3000GT	C250	109	190.5	19.2	1.0	33.6	1,064.9	18
Kruger	K-7907	VT3P	P500,V	107	189.3	17.5	2.0	32.0	1,074.3	14
FS Seeds	FS 60MV4	VT3P	C250	110	188.9	18.2	7.0	36.1	1,065.4	17
NuTech	5B-1003*	GT/CB/LL	C250	110	188.8	18.4	1.0	32.8	1,062.9	19
Cornelius	C582VT3P	VT3P	C250	109	187.6	19.0	1.0	32.8	1,050.6	21
Great Lakes	5939G3VT3	VT3	P500,V	109	187.3	19.0	2.0	33.6	1,048.9	22
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	187.2	18.6	11.7	32.0	1,052.1	20
Renk	RK744VT3P	VT3P	P250	107	183.7	17.5	2.0	33.6	1,042.5	23
Kruger	K-6408VT3	VT3	P500,V	108	183.4	18.2	1.0	32.8	1,034.4	24
NuTech	5N-1004*	3000GT	C250	110	183.0	19.2	2.0	32.0	1,023.0	27
Steyer	11002	3000GT	C250	110	182.8	18.6	1.0	32.0	1,027.3	26
G2 Genetics	5X-909^*	HXT,RR2	C250	109	182.8	19.5	1.0	36.1	1,019.1	29
Stine	9731VT3Pro*	VT3P	C250	110	182.8	19.8	2.0	31.2	1,016.4	30
Steyer	10701	VT3P	P250	107	181.4	17.3	2.0	32.8	1,031.3	25
Great Lakes	5770VT3PRO	VT3P	P500,V	107	179.6	17.4	2.0	31.1	1,020.1	28
Pioneer	P0533XR CK	HXT,RR2	C250	105	175.2	18.0	2.0	32.0	989.9	42
Test Average =					183.4	18.6	2.3	33.1	1,030.2	
LSD (0.10) =					14.7	0.7	5.0			
C.V. =					5.9	2.8				



F.I.R.S.T. Manager

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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®

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