

2011 BETTER HYBRIDS Harvest Report for Iowa North [IANO]

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

ULTRA-EARLY TEST
95 - 100 Day CRM

B1IANO16

 PREV. CROP/HERB: Soybean / 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

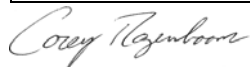
30" ROW SPACING

 SEEDED - RATE: May 4 35,100 /A
 HARVESTED - STAND: Sep 29 33,800 /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
Channel	199-55VT3	VT3	P500,V	99	207.2	23.2	1.0	33.6	1,366.5	1
Dyna-Gro	D40SS09 GC	STX	P250	100	199.4	25.7	1.0	37.7	1,302.6	3
Wyffels	W1831	VT3P	P250	97	199.2	21.7	1.0	33.6	1,321.2	2
Channel	197-32VT3P	VT3P	P500,V	97	196.4	22.2	2.0	32.8	1,300.2	4
Viking	Y91-99RL	3000GT	C250	99	195.4	23.0	1.0	33.6	1,289.6	6
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	195.2	23.0	1.0	32.8	1,288.3	7
Cornelius	C329-3000GT	3000GT	C250	100	195.2	22.2	2.0	31.2	1,292.2	5
Dekalb	DKC51-85 GC	STX	P500	101	194.9	23.2	1.0	35.3	1,285.4	9
Pioneer	P0115AM1 GC	HXT,RR2	C250	101	194.6	22.5	1.0	33.6	1,286.8	8
Channel	199-54R	RR2	P500,V	99	194.1	22.4	1.0	34.4	1,284.0	10
Kruger	K-7495	VT3P	P500,V	95	192.6	21.6	2.0	33.6	1,277.9	12
AgriGold	A6220VT3Pro	VT3P	P500,V	98	192.3	21.0	1.0	32.0	1,278.8	11
AgriGold	A6276VT3	VT3	P500,V	101	191.8	24.0	1.0	36.1	1,261.1	17
Renk	RK580VT3	VT3	P250	98	191.7	22.6	2.0	32.8	1,267.1	13
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	191.4	22.7	1.0	36.1	1,264.7	15
Wyffels	W2680 GC	RR2	P250	100	191.0	23.5	2.0	34.4	1,258.2	19
AgriGold	A6203VT3	VT3	P500,V	96	190.8	21.7	1.0	33.6	1,265.5	14
LG Seeds	LG2468VT3	VT3	P500,V	97	190.0	21.3	1.0	33.6	1,262.1	16
G2 Genetics	5X-895 [^] *	HXT,RR2	C250	94	189.6	21.2	1.0	32.0	1,259.9	18
Kruger	K4-9100	STX	P500,V	100	188.7	23.5	1.0	32.8	1,243.1	23
Jung	7V429	VT3P	P500	96	187.7	21.1	1.0	34.4	1,247.7	20
Gold Country	100-07	VT3	P250	100	187.7	21.3	1.0	34.4	1,246.8	21
Cornelius	C282	none	C250	99	187.5	22.5	1.0	32.8	1,239.8	24
Wyffels	W1941	VT3	P250	98	187.5	22.5	3.0	35.2	1,239.8	25
Channel	196-06VT3P	VT3P	P500,V	96	187.1	22.2	1.0	34.4	1,238.6	26
NuTech	3A-9901 [*]	GT	C250	99	187.0	20.8	3.0	34.5	1,244.5	22
NuTech	5N-001 [*]	3000GT	C250	100	186.8	22.6	1.0	37.7	1,234.7	27
Jung	7452VT3	VT3	P500	98	186.4	22.6	1.0	33.6	1,232.1	28
FS Seeds	FS 49SX1	STX	C250	99	186.1	23.2	2.0	35.3	1,227.3	30
Viking	A91-00R	RR2	C250	100	186.0	22.2	1.0	32.0	1,231.3	29



 Test Average = **185.6** **22.5** **1.4** **33.8** **1,227.4**

LSD (0.10) = 12.9 1.1 1.4

C.V. = 5.1 3.5

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



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doebler's 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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