

2011 BETTER HYBRIDS Harvest Report for Iowa North [IANO]

Bob Wamsley, Butler County, IA 50636 [GREENE]

ULTRA-EARLY TEST
95 - 100 Day CRM

B1IANO18

 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

30" ROW SPACING

 SEEDED - RATE: May 7 35,100 /A
 HARVESTED - STAND: Oct 17 33,300 /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
Cornelius	C307	none	P250	100	186.2	16.0	1.0	30.3	1,256.9	2
LG Seeds	LG2501VT3Pro	VT3P	P500,V	100	185.5	16.0	2.0	36.1	1,252.1	3
Gold Country	96-20	VT3P	P250	96	185.4	15.3	1.0	33.6	1,257.9	1
G2 Genetics	5X-0001 [^]	HXT,RR2	P1250,V	100	184.4	16.3	3.0	32.8	1,241.9	5
Jung	7V429	VT3P	P500	96	184.0	15.8	1.0	36.1	1,243.8	4
Gold Country	100-07	VT3	P250	100	182.4	16.5	1.0	32.8	1,226.6	7
G2 Genetics	5H-0101 [^]	HX,RR2	P1250,V	100	182.1	15.5	1.0	36.1	1,233.7	6
Channel	199-55VT3	VT3	P500,V	99	181.0	15.5	4.7	34.5	1,226.3	8
AgriGold	A6276VT3	VT3	P500,V	101	180.1	16.1	3.7	33.6	1,214.8	9
Kruger	K-7495	VT3P	P500,V	95	179.4	15.7	1.0	32.0	1,213.6	10
Gold Country	98-90	STX	P250	98	179.1	16.1	2.0	30.3	1,208.0	11
Channel	197-32VT3P	VT3P	P500,V	97	178.7	16.2	3.0	33.6	1,204.4	12
Dekalb	DKC51-85 GC	STX	P500	101	178.6	16.3	1.0	32.0	1,202.9	13
Viking	Y91-99RL	3000GT	C250	99	178.3	16.1	4.0	33.6	1,202.6	14
FS Seeds	FS 49SX1	STX	C250	99	176.2	15.9	1.0	32.0	1,190.2	16
Pioneer	P0115AM1 GC	HXT,RR2	C250	101	175.8	16.1	7.0	31.2	1,185.8	17
G2 Genetics	5X-895 [^] *	HXT,RR2	C250	94	175.3	14.6	1.0	34.5	1,192.0	15
Wyffels	W1941	VT3	P250	98	175.1	15.9	1.0	34.4	1,182.8	19
NuTech	5N-001*	3000GT	C250	100	174.9	15.7	3.0	35.3	1,183.2	18
LG Seeds	LG2468VT3	VT3	P500,V	97	173.9	15.6	7.0	32.0	1,177.3	20
Viking	A91-00R	RR2	C250	100	173.9	15.8	1.0	30.3	1,175.6	21
Renk	RK580VT3	VT3	P250	98	172.9	15.9	11.0	34.4	1,167.9	22
AgriGold	A6203VT3	VT3	P500,V	96	171.1	15.8	2.0	34.4	1,156.6	25
AgriGold	A6256STX	STX	P500,V	100	170.6	16.0	3.7	35.3	1,151.6	27
G2 Genetics	5H-797 [^] *	HX,RR2	C250	97	170.5	15.2	2.0	36.1	1,157.7	24
LG Seeds	LG2478VT3Pro	VT3P	P500,V	97	170.3	15.0	2.0	35.3	1,158.0	23
AgriGold	A6220VT3Pro	VT3P	P500,V	98	170.2	15.6	3.7	32.8	1,152.3	26
Jung	7452VT3	VT3	P500	98	170.0	15.9	11.3	32.0	1,148.4	28
Cornelius	C329-3000GT	3000GT	C250	100	168.6	15.6	11.7	34.4	1,141.4	30
Renze	2072-3000GT*	3000GT	C250	96	167.9	14.1	22.0	36.1	1,141.7	29

 Test Average = **170.2** **15.8** **5.0** **33.3** **1,149.7**

LSD (0.10) = 12.5 0.8 9.1

C.V. = 5.4 3.9



F.I.R.S.T. Manager

TEST COMMENTS: Consistent rains right up to pollination allowed for a good stand and tall plants. Some 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 noted here.

Lat: N42.80757, Long: W-92.72282

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