

2011 BETTER HYBRIDS Harvest Report for Indiana South [INSO]

JR & BJ Roesner / Roesner Farms, Warrick County, IN 47541 [FOLSOMVILLE]

EARLY SEASON TEST
107 - 112 Day CRM

B1INSO13a

PREV. CROP/HERB: Corn, 2+ yr / Halex GT, Force
 SOIL DESCRIPTION: silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITION: High P, high K, 6.7 pH, 2.5% OM
 PEST MANAGEMENT: Lexar, Roundup, Force
 FERTILITY - Applied N: 70 Fall, 3 Planter, 160 Sidedress,
 Applied N-P-K (units): 233-80-65

30" ROW SPACING

SEEDED - RATE: May 18 34,000 /A
 HARVESTED - STAND: Oct 10 33,100 /A

TOP 30 OF 42 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	
Specialty	4640GENVT3P	VT3P	P250	111	247.0	14.8	1.7	31.9	1,556.1	1	
Channel	212-17VT3P	VT3P	P500,V	112	244.1	15.9	0.3	32.9	1,531.2	2	
Stine	9732VT3Pro*	VT3P	C250	112	242.5	17.8	0.0	34.8	1,507.4	3	
LG Seeds	LG2602VT3	VT3	P500,V	112	240.8	16.6	2.0	33.9	1,505.5	4	
Dekalb	DKC61-88 GC	VT3P	P250	111	237.7	14.8	1.3	32.9	1,497.5	5	
Golden Harvest	H-8940 3000GT	3000GT	C250	111	235.1	15.4	0.0	33.8	1,478.3	6	
Stine	9729VT3Pro*	VT3P	C250	110	232.2	15.8	1.0	33.9	1,457.3	7	
Pioneer	P1018HR GC	HX,RR2	C250	110	231.6	15.3	3.7	31.9	1,457.0	8	
Stewart	8V226	VT3P	P500,V	112	230.2	16.1	1.7	31.9	1,442.7	9	
Heritage	4640GENVT3P	VT3P	P250	111	228.6	14.9	0.3	33.9	1,440.2	10	
NK Brand	N68B-3111	3111	C250	111	227.9	15.8	1.0	32.9	1,430.3	11	
Fielders Choice	NG6789	VT3	P250	113	225.5	16.4	1.0	32.9	1,411.2	12	
Specialty	4662GENVT3P	VT3P	P250	112	223.7	16.6	1.7	31.9	1,398.6	13	
Channel	212-75VT3P	VT3P	P500,V	112	222.0	16.1	2.7	31.9	1,391.3	14	
Stewart	7V996	VT3P	P500,V	111	219.5	16.5	0.7	32.9	1,373.0	15	
Great Lakes	5939G3VT3	VT3	P500,V	109	218.7	15.8	6.7	31.9	1,372.6	16	
Specialty	8696GENSS	STX	P250	112	218.6	15.9	0.7	32.9	1,371.3	17	
LG Seeds	LG2549VT3	VT3	P500,V	109	217.5	16.2	0.7	32.9	1,362.4	18	
Steyer	1097	3000GT	C250	109	215.6	14.3	0.3	34.8	1,358.3	19	
Mycogen	2A695 GC	HXT,RR2	n/a	110	213.7	17.0	0.3	33.9	1,333.5	20	
NuTech	5B-1003*	GT/CB/LL	C250	110	213.0	16.6	1.0	32.9	1,331.7	21	
Heritage	4662GENVT3P	VT3P	P250	112	206.9	16.7	2.0	30.9	1,292.9	23	
Garst	84J30-3111	3111	C250	112	205.8	15.5	0.0	35.8	1,293.5	22	
Great Lakes	6232G3VT3	VT3	P500,V	112	205.2	16.3	3.0	33.9	1,284.8	24	
LG Seeds	LG2555VT3	VT3	P500,V	110	201.6	15.6	7.3	34.8	1,266.5	26	
Stewart	7T945	VT3	P500,V	111	201.4	16.2	1.7	31.9	1,261.6	27	
G2 Genetics	5H-1001^	HX,RR2	P1250,V	110	199.1	15.5	2.7	32.9	1,251.3	28	
Fielders Choice	NG6798	VT3P	P250	112	198.2	15.1	2.0	31.9	1,248.1	29	
NuTech	5N-1004*	3000GT	C250	110	195.5	13.9	2.0	33.9	1,231.7	30	
Augusta	A5560VT3	VT3	P250	110	193.1	15.3	2.0	31.9	1,214.8	31	
AgriGold	A6533VT3 CK	VT3	P500,V	113	205.5	17.2	3.7	32.9	1,281.1	25	
					Test Average =	204.0	15.7	5.7	33.1	1,280.0	
					LSD (0.10) =	30.4	0.8	12.2			
					C.V. =	10.9	3.9				



F.I.R.S.T. Manager

TEST COMMENTS: *The lodging scores you see are related to green snap and light root lodging. JR and BJ stated that there were some fields in the area with up to 40% green snap. The variable yields are due to green snap and associated yield loss. The site experienced high heat and dry conditions in July and part of August. Ears had good retention with good kernel depth.*

Lat: N48.28333, Long: W-102.7

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.30

[†] 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: 10/12/2011

Revised:

2011 BETTER HYBRIDS Harvest Report for Indiana South [INSO]

JR & BJ Roesner / Roesner Farms, Warrick County, IN 47541 [FOLSOMVILLE]

FULL SEASON TEST
113 - 116 Day CRM

B1INSO13b

PREV. CROP/HERB: Corn, 2+ yr / Halex GT, Force
 SOIL DESCRIPTION: silty clay loam, well drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: High P, high K, 6.7 pH, 2.5% OM
 PEST MANAGEMENT: Lexar, Roundup, Force
 FERTILITY - Applied N: 70 Fall, 3 Planter, 160 Sidedress,
 Applied N-P-K (units): 233-80-65

30" ROW SPACING

SEEDED - RATE: May 18 34,000 /A
 HARVESTED - STAND: Oct 10 32,900 /A

TOP 30 OF 42 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	214-14VT3P	VT3P	P500,V	114	267.0	16.6	0.7	31.9	1,669.3	1	
Great Lakes	6530G3VT3	VT3	P500,V	115	258.1	17.2	2.0	31.9	1,609.0	2	
Great Lakes	6455G3VT3	VT3	P500,V	114	257.8	18.1	2.0	30.9	1,600.2	3	
Stine	9806VT3Pro*	VT3P	C250	114	251.8	19.0	0.0	32.9	1,556.1	4	
Great Lakes	6354G3VT3	VT3	P500,V	113	247.1	17.5	2.7	34.8	1,538.2	5	
Steyer	11302	VT3P	P250	113	244.3	15.9	3.3	32.9	1,532.5	6	
Augusta	A6867GTCBLL	GT/CB/LL	C500,AV	116	240.8	19.2	3.0	32.9	1,486.7	9	
Heritage	4782GENVT2P	VT2P	P250	113	240.6	17.1	2.0	33.8	1,500.6	7	
Golden Harvest	H-9447GT/CB/LL	GT/CB/LL	C250	115	238.7	18.0	4.7	32.9	1,482.3	10	
NK Brand	N74R-3000GT	3000GT	C250	113	238.5	17.9	0.3	30.9	1,481.8	11	
Steyer	11406	VT3P	P250	115	238.4	16.7	3.3	33.9	1,489.8	8	
Dyna-Gro	D55VC21	VT2P	P250	115	236.4	17.0	4.0	34.8	1,475.1	12	
Croplan	6463SS GC	STX	C250	113	235.4	16.6	1.7	33.8	1,471.7	13	
Garst	83S06-3111	3111	C250	113	235.3	17.1	5.7	31.9	1,467.6	14	
LG Seeds	LG2641VT3	VT3	P500,V	114	235.2	17.5	2.0	32.9	1,464.1	15	
Channel	213-32VT3	VT3	P500,V	113	234.6	17.5	0.3	33.9	1,460.4	16	
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	234.1	17.3	1.7	32.9	1,458.7	17	
Dyna-Gro	CX11113*	VT3P	P250	113	232.5	17.0	1.0	32.9	1,450.8	18	
Steyer	11401	3000GT	C250	114	229.8	17.6	7.3	31.9	1,429.8	19	
Augusta	A7664VT3	VT3	P250	114	227.9	17.9	2.0	33.8	1,415.9	20	
Channel	216-63VT3	VT3	P500,V	116	226.3	17.2	2.0	34.8	1,410.8	22	
LG Seeds	LG2620VT3	VT3	P500,V	113	226.2	16.7	2.0	33.9	1,413.5	21	
Stewart	8E624	VT2P	P500,V	113	224.5	16.0	1.7	31.9	1,407.6	23	
G2 Genetics	5H-716^*	HX,RR2	C250	116	224.1	18.1	4.3	34.8	1,391.0	25	
Specialty	8710GENSS	STX	P250	113	220.9	15.9	4.0	33.9	1,385.7	26	
Mycogen	2H736 GC	HXT,RR2	n/a	113	220.1	17.8	1.0	31.9	1,368.1	28	
Dekalb	DKC63-84 GC	VT3	P250	113	218.6	15.1	4.3	31.9	1,376.5	27	
Channel	216-96VT3P	VT3P	P500,V	116	216.8	16.5	5.7	29.9	1,356.1	29	
G2 Genetics	5X-1301^*	HXT,RR2	P1250,V	113	214.7	18.0	3.0	30.9	1,333.3	30	
NuTech	5V-514*	3111	C250	114	210.6	17.2	1.0	30.9	1,312.9	31	
AgriGold	A6533VT3 CK	VT3	P500,V	113	223.9	17.5	2.7	31.9	1,393.8	24	
					Test Average =	220.3	17.3	5.4	32.9	1,372.6	
					LSD (0.10) =	35.5	0.8	5.5			
					C.V. =	11.8	3.3				



F.I.R.S.T. Manager

TEST COMMENTS: *The lodging scores you see are related to green snap and light root lodging. JR and BJ stated that there were some fields in the area with up to 40% green snap. The variable yields are due to green snap and associated yield loss. The site experienced high heat and dry conditions in July and part of August. Ears had good retention with good kernel depth.*

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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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