

2011 BETTER HYBRIDS Harvest Report for Indiana North [INNO]

Randy Matthys / Shady Lane Farms, St. Joseph County, IN 46619

[SOUTH BEND]

EARLY SEASON TEST
103 - 108 Day CRM

B1INNO04a

 PREV. CROP/HERB: Corn, 2+ yr / Verdict
 SOIL DESCRIPTION: sandy clay, well drained, strip-till, irrigated
 SOIL CONDITION: Mod. High P, mod. high K, 6.4 pH, 2.1% OM
 PEST MANAGEMENT: Roundup, Status, Force
 FERTILITY - Applied N: 190 Spring, 5 Planter,
 Applied N-P-K (units): 195-69-125

30" ROW SPACING

 SEEDED - RATE: May 4 33,500 /A
 HARVESTED - STAND: Oct 18 33,300 /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
Great Lakes	5339GT3	3000GT	P500,V	103	261.7	18.3	0.0	34.8	1,635.9	1
Stewart	5A988	STX	P500,V	103	256.3	18.9	0.0	32.9	1,597.5	2
Ebberts	2909VT3P	VT3P	P250	109	253.3	20.1	0.3	33.9	1,569.7	3
Ebberts	7501VT3P	VT3P	P250	109	250.5	20.3	0.3	33.9	1,550.8	5
Specialty	8390GENSS	STX	P250	105	249.3	18.5	0.3	33.8	1,556.9	4
Heritage	4383GENVT3P	VT3P	P250	105	247.0	18.2	0.0	33.9	1,544.7	6
Heritage	4395VT3	VT3	P250	107	246.7	19.7	0.0	32.9	1,531.8	7
Seed Consultants	SCS 10HQ30 [^]	HXT,RR2	P1250,V	103	245.7	21.2	0.3	33.9	1,514.5	10
AgriGold	A6384VT3Pro	VT3P	P500,V	108	245.0	19.0	0.3	32.9	1,526.4	8
Ebberts	7357VT3P	VT3P	P250	107	242.3	18.1	1.7	34.8	1,516.1	9
G2 Genetics	5H-0701 [^]	HX,RR2	C250	109	241.0	18.2	0.3	33.9	1,507.2	11
Dairyland	ST-9303SSX	STX	C250	103	240.0	18.8	0.3	32.9	1,496.6	14
AgriGold	A6323GT3	3000GT	P500,V	103	239.2	18.0	0.0	34.8	1,497.4	13
Seed Consultants	SCS 10HQ70 [^]	HXT,RR2	P1250,V	106	238.1	21.8	0.3	34.8	1,463.4	16
LG Seeds	LG2535STX	STX	P500,V	106	237.1	20.6	0.0	32.9	1,465.8	15
Great Lakes	5643VT3PRO	VT3P	P500,V	106	235.6	19.8	0.0	33.9	1,462.1	18
Garst	85V88-3000GT	3000GT	C250	107	235.6	19.8	0.0	32.9	1,462.1	19
Stine	9523VT3*	VT3	C250	104	234.4	18.7	0.0	33.9	1,462.4	17
Partners Brand	PB 7247*	3000GT	C250	102	233.1	18.2	0.0	31.9	1,457.8	20
Stine	9529VT3Pro*	VT3P	C250	106	231.4	18.1	0.3	33.8	1,447.9	21
Stewart	6V556	VT3P	P500,V	106	230.6	18.4	0.3	33.9	1,440.8	22
Seed Consultants	SCS 10HR62 [^]	HX,RR2	P1250,V	106	230.3	19.7	0.3	32.9	1,429.9	23
Partners Brand	PB 7841*	3000GT	C250	108	228.5	18.8	0.3	31.9	1,424.9	24
G2 Genetics	5H-905 [^]	HX,RR2	C250	105	227.8	18.4	0.3	35.8	1,423.3	25
AgriGold	A6389VT3Pro	VT3P	P500,V	105	226.8	19.2	0.0	31.9	1,411.6	26
Heritage	8390GENSS	STX	P250	105	226.3	20.9	0.0	32.9	1,396.9	30
G2 Genetics	5X-908 [^] *	HXT,RR2	C250	108	225.5	19.5	0.0	31.9	1,401.5	28
LG Seeds	LG2529VT3Pro	VT3P	P500,V	107	225.5	19.8	0.0	34.8	1,399.5	29
Golden Harvest	H-8211 3000GT	3000GT	C250	105	223.7	17.3	3.0	31.9	1,405.1	27
Ebberts	7358VT3P*	VT3P	P250	108	222.9	20.0	0.7	32.9	1,382.0	31
Channel	209-77VT3 CK	VT3	P500,V	109	246.5	22.9	0.0	33.9	1,506.9	12
					Test Average =	229.8	19.2	0.3	33.3	1,430.1
					LSD (0.10) =	41.9	2.6	1.3		
					C.V. =	13.4	9.9			



F.I.R.S.T. Manager

TEST COMMENTS: This irrigated site was a nice plot to harvest as there was light stalk rot. Grain quality was excellent with good kernel set and firm cobs. Ear retention was good as most ears were upright. Only the early season hybrids had ears hanging down. Despite being irrigated, it could not overcome the hot conditions. Yields were highly variable across replications.

Lat: N41.67167, Long: W-86.37167

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Price = \$6.35

[†] 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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Revised:

2011 BETTER HYBRIDS Harvest Report for Indiana North [INNO]

Randy Matthys / Shady Lane Farms, St. Joseph County, IN 46619

[SOUTH BEND]

FULL SEASON TEST

109 - 112 Day CRM

B1INNO04b

PREV. CROP/HERB: Corn, 2+ yr / Verdict
SOIL DESCRIPTION: sandy clay, well drained, strip-till, irrigated
SOIL CONDITIONS: Mod. High P, mod. high K, 6.4 pH, 2.1% OM
PEST MANAGEMENT: Roundup, Status, Force
FERTILITY - Applied N: 190 Spring, 5 Planter,
Applied N-P-K (units): 195-69-125

30" ROW SPACING

SEEDED - RATE: May 4 33,500 /A
HARVESTED - STAND: Oct 18 33,300 /A

TOP 30 OF 45 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
Golden Harvest	H-8969 3111	3111	C250	111	286.1	18.5	0.0	32.9	1,786.7	1
Specialty	4640GENVT3P	VT3P	P250	111	269.2	20.8	0.0	33.8	1,662.6	3
G2 Genetics	5X-812^*	HXT,RR2	C250	112	269.1	20.6	0.0	34.8	1,663.6	2
NuTech	5N-1004*	3000GT	C250	110	266.6	19.5	1.7	34.8	1,656.9	4
Great Lakes	6232G3VT3	VT3	P500,V	112	266.2	20.0	0.0	33.8	1,643.3	5
Seed Consultants	SCS 11HR02^	HX,RR2	P1250,V	110	263.6	19.6	0.7	34.8	1,637.5	7
Specialty	4602VT3	VT3	P250	109	263.1	20.3	1.3	33.9	1,628.9	8
Ebberts	2711QUAD	3000GT	P250	111	262.5	18.3	0.0	34.8	1,640.9	6
Dairyland	ST-9210SSX	STX	C250	110	262.4	21.0	0.3	34.8	1,619.0	9
Stewart	7V776	VT3P	P500,V	110	258.6	21.3	1.3	34.8	1,593.2	12
Partners Brand	PB 8276*	3000GT	C250	112	256.9	19.0	0.0	33.9	1,600.5	11
Stine	9731VT3Pro*	VT3P	C250	110	256.6	21.9	0.0	33.9	1,576.3	14
AgriGold	A6436VT3Pro	VT3P	P500,V	109	255.8	17.9	0.3	35.8	1,602.1	10
Great Lakes	5939G3VT3	VT3	P500,V	109	254.5	18.8	0.0	32.9	1,587.1	13
AgriGold	A6458VT3	VT3	P500,V	109	252.7	19.1	0.3	33.8	1,573.6	15
AgriGold	A6476VT3Pro	VT3P	P500,V	110	252.0	20.3	0.0	31.9	1,560.1	16
Stewart	8V226	VT3P	P500,V	112	249.5	20.6	0.3	32.9	1,542.4	17
NK Brand	N68A-3000GT	3000GT	C250	111	246.2	20.2	0.0	35.8	1,525.0	19
Stewart	7A218	STX	P500,V	109	244.3	20.5	0.0	31.9	1,511.0	21
NuTech	5B-1003*	GT/CB/LL	C250	110	243.0	18.6	0.0	32.9	1,516.8	20
NK Brand	N63R-3000GT	3000GT	C250	109	242.4	19.4	0.3	33.9	1,507.2	22
Dairyland	ST-9111SSX	STX	C250	111	241.6	19.0	0.7	33.9	1,505.2	23
Seed Consultants	SCS 10HQ62^	HXT,RR2	P1250,V	109	241.1	19.8	0.7	33.9	1,496.3	26
Seed Consultants	SCS 11HR21^	HX,RR2	P1250,V	112	241.0	19.0	0.3	34.8	1,501.4	24
G2 Genetics	5H-013^*	HX,RR2	P1250,V	113	240.9	20.8	0.3	32.9	1,487.8	28
Seed Consultants	SCS 11HR12^	HX,RR2	P1250,V	111	239.9	19.0	0.0	35.8	1,494.6	27
Ebberts	7642VT3P	VT3P	P250	111	239.8	18.2	0.0	34.8	1,499.7	25
Specialty	8610GENSS	STX	P250	109	236.9	19.8	0.3	22.9	1,470.2	29
Channel	212-17VT3P	VT3P	P500,V	112	236.8	20.2	1.3	31.9	1,466.7	30
Ebberts	7861VT3P*	VT3P	P250	111	235.4	19.0	0.3	30.9	1,466.5	31
Channel	209-77VT3 CK	VT3	P500,V	109	246.2	18.7	0.3	33.9	1,536.0	18
Test Average =					244.4	19.6	0.4	33.3	1,517.7	
LSD (0.10) =					41.2	2.8	1.4			
C.V. =					12.4	10.4				

Rich H. Lehmann

F.I.R.S.T. Manager

TEST COMMENTS: This irrigated site was a nice plot to harvest as there was light stalk rot. Grain quality was excellent with good kernel set and firm cobs. Ear retention was good as most ears were upright. Only the early season hybrids had ears hanging down. Despite being irrigated, it could not overcome the hot conditions. Yields were highly variable across replications. Lat: N41.67167, Long: W-86.37167

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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 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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