

2016 Corn Grain Top 30 Harvest Report

Indiana North [INNO] HARTFORD CITY
Langdon Bros., Gary Langdon, Blackford County, IN 47348



Test by: F.I.R.S.T. NCB, Inc., Lanark, IL

PREV. CROP/HERB: Soybean / Authority First + Sencor, Roundup
SOIL DESCRIPTION: Blount/Pewamo silty clay, mod. well drained, non-irrigated
SOIL CONDITION: Strip-till, high P, mod. high K, 6.4 pH, 2.6% OM
PEST MANAGEMENT: Roundup + Keystone, Force
FERTILITY - Applied N: 10 Fall, 26 Planter, 170 Sidedress
Applied N-P-K (units): 206-46-60
SEEDING - RATE - ROW: Apr 26 32,400 /A 30" spacing
HARVESTED - STAND: Oct 28 30,700 /A

Early-Season Test
103 - 108 Day CRM
B2016INNO76a

Top 30 of 45

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	37V593	VT3P,B	107	200.0	14.9	1	31.6	640	2
Channel	207-27STXRIB	STX,B	107	197.9	15.2	1	32.5	632	3
NuTech	5N-607	3000GT	107	196.5	15.4	1	29.7	626	4
Channel	205-19STXRIB	STX,B	105	194.7	14.7	1	32.5	623	5
TA Seeds	TA583-28RIB GC	STX,B	108	193.4	15.0	1	27.9	619	6
Golden Harvest	G06N80-3111	3111	106	193.1	14.7	1	35.3	618	7
Becks	5665AMX^ GC	AMX,B	106	192.8	14.7	1	27.9	617	8
Ebberts	2918QUAD	3000GT	108	191.9	15.1	1	31.6	614	9
Dairyland	DS-9106	STX	106	191.0	15.1	1	26.9	611	10
Steyer	10304VT2PRO	VT2P	103	189.9	15.3	1	27.9	606	12
Pioneer	P0589AMT GC	AMT,AQ,B	105	189.7	14.9	1	33.5	607	11
Ebberts	9137SSXRIB	STX,B	107	188.1	15.4	1	25.1	600	13
Seed Consultants	SCS 1067YHR	OI	106	186.6	15.3	1	32.5	595	14
NuTech/G2 Gen	5Z-503^	OI	103	186.0	14.8	1	30.7	595	15
Seed Consultants	SCS 1037YHR	OI	103	180.3	15.1	1	32.5	576	16
Armor	0303Pro2	VT2P	103	179.8	15.0	1	33.5	575	17
Wyckoff	2540VT2P	VT2P	108	178.6	14.9	1	28.8	572	18
Dairyland	DS-9508RA	STX,B	108	178.5	14.8	1	32.5	571	19
Wyckoff	2400VT2P	VT2P	106	178.1	14.8	1	26.9	570	20
Specialty	38A836	STX,B	108	177.6	15.1	1	32.5	568	21
Augusta	A1108VT2ProRIB	VT2P,B	108	176.0	14.7	1	32.5	563	22
NuTech/G2 Gen	5F-504^	AM,B	104	175.3	14.7	1	26.9	561	23
Seed Consultants	SCS 1086YHR	OI	108	174.9	15.1	1	30.7	559	24
Golden Harvest	G07F23-3111	3111	107	173.6	15.2	2	28.8	554	25
Ebberts	6587VT2PRIB	VT2P,B	107	173.5	15.4	1	28.8	553	26
NuTech/G2 Gen	5F-308^	AM,B	108	173.1	15.3	1	30.7	552	27
Steyer	10707GENSS	STX	107	171.5	14.7	1	31.6	549	28
Becks	5337SX GC	STX,B	103	171.2	14.2	1	32.5	548	29
LG Seeds	LG5554-3111	3111	108	169.9	14.8	1	32.5	544	30
Seed Consultants	SCS 10HR43	HX,RR2	104	169.5	15.0	1	29.7	542	31
Pioneer	P0825AMXT CK	AMXT,B	108	200.3	14.7	1	29.7	641	1

Jason Beyers
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Averages = **177.0** **15.0** **1** **30.7** **566**

LSD (0.10) = 19.0 ns ns

LSD (0.25) = 13.2 ns ns

C.V. = 7.9

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

Test Comments: *Despite having good planting conditions, seedling emergence was only fair. The plot was located on a variable soil with ample rainfall at times. This made the plot a little non-uniform and yield CV reflects that. At harvest, plants were very dry but stood well with very little disease present. Corn plants on this clay soil were short, without tops, with low ears. Almost all the ears were pointing downward.*

† See last page for abbreviation descriptions. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average by LSD(0.10). **Italicized** brands exceed the grain moisture limit for this test. **ns** = column values not significantly different

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Applied N-P-K (units): 206-46-60
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Full-Season Test
109 - 112 Day CRM
B2016INNO76b

Top 30 of 45

For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NK Brand	N70J-3111A	3111,A	112	198.7	15.7	1	34.4	632	2
Wyckoff	2655GENSSRIB	STX,B	111	196.6	15.5	1	33.5	626	3
Wyckoff	2675VT2P	VT2P	112	193.6	16.4	1	32.5	611	5
Steyer	10904VT2PRO	VT2P	109	193.5	15.6	1	29.7	616	4
Seed Consultants	SC 11AQ17	3000GT	111	192.3	15.9	1	33.5	610	6
Specialty	42A843	STX,B	112	192.1	16.6	1	32.5	605	11
Ebberts	9292SSXRIB	STX,B	112	191.6	16.2	1	35.3	606	9
Pioneer	P1197AMXT GC	AMXT,B	111	191.0	15.6	1	33.5	608	7
Armor	1040SSRIB	STX,B	110	190.8	15.8	1	32.5	606	10
Becks	5828AMX^ GC	AMX,AQ,B	110	190.1	15.2	1	33.5	607	8
Ebberts	6619VT2PRIB	VT2P,B	109	189.2	15.6	1	34.4	602	12
Armor	0909Pro2RIB	VT2P,B	109	188.3	15.3	1	34.4	601	13
Great Heart	HT-7240SSRIB	STX,B	112	188.0	16.1	1	32.5	595	15
Golden Harvest	G11F16-3111A	3111,A	111	187.4	15.3	1	30.7	598	14
Specialty	41A743	STX,B	111	187.3	16.4	1	33.5	591	19
Channel	209-53STXRIB	STX,B	109	186.5	15.7	1	33.5	593	17
Dairyland	DS-9412RA	STX,B	112	186.3	15.4	1	32.5	594	16
Dairyland	DS-9911	STX	111	185.6	15.4	1	33.5	592	18
NuTech/G2 Gen	5F-709^	AM,AQ,B	109	185.0	15.1	1	29.7	591	20
Steyer	11005GENSSRIB	STX,B	110	184.9	15.5	1	34.4	589	23
Great Heart	HT-7134DGV2P	VT2P,DG	111	184.8	16.3	1	33.5	584	24
Wyckoff	2665DGV2P	VT2P,DG	111	184.6	15.1	1	32.5	590	21
Dairyland	DS-9110	STX	110	184.4	14.9	1	31.6	590	22
Channel	211-35STXRIB	STX,B	111	183.7	16.2	1	30.7	581	25
LG Seeds	LG5618STXRIB	STX,B	112	183.5	16.3	1	31.6	580	27
Partners Brand	PB 8082RR GC	RR2	110	182.9	15.8	1	30.7	581	26
Seed Consultants	SCS 1125YHR	OI	112	182.1	15.9	1	34.4	578	28
Seed Consultants	SC 11AQ15	3000GT	112	182.1	16.7	1	33.5	573	30
Dekalb	DKC61-54RIB GC	STX,B	111	181.6	16.0	1	32.5	576	29
Dekalb	DKC62-77RIB GC	STX,B	112	180.5	16.2	1	31.6	571	31
Pioneer	P0825AMXT CK	AMXT,B	108	199.2	15.1	1	32.5	637	1

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Averages = **180.5** **15.7** **1** **32.7** **574**

LSD (0.10) = 19.0 0.6 ns

LSD (0.25) = 13.2 0.4 ns

C.V. = 7.8 New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.030 Prices: GMO = \$3.20; non-GMO = \$3.20

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Early-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	0303Pro2	VT2P	AC,P5V	103					
Augusta	A1108VT2ProRIB	VT2P,B	AC,P2	108					
Becks	5337SX GC	STX,B	Es	103					
Becks	5665AMX^ GC	AMX,B	Es	106					
Channel	205-19STXRIB	STX,B	AC,P5V	105					
Channel	207-27STXRIB	STX,B	AC,P5V	107					
Dairyland	DS-9106	STX	CM,C5,Vi,In	106					
Dairyland	DS-9508RA	STX,B	CM,C2	108					
Dekalb	DKC58-06RIB GC	STX,B	AC,P5V	108					
Ebberts	2918QUAD	3000GT	AC,P2	108					
Ebberts	6466VT2P	VT2P	AC,P2	106					
Ebberts	6587VT2PRIB	VT2P,B	AC,P2	107					
Ebberts	9137SSXRIB	STX,B	AC,P5V	107					
Golden Harvest	G03A50-3010	3010	AVC,C2,Vi	103					
Golden Harvest	G06N80-3111	3111	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
LG Seeds	LG5520STX	STX	AC,P5V	105					
LG Seeds	LG5554-3111	3111	AVC,C5,Vi	108					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NK Brand	N60F-3111	3111	AVC,C2,Vi	107					
NuTech	5N-607	3000GT	MQ,P5V,R	107					
NuTech	X5V-0707	3111	AVC,C2,Vi	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-504^	AM,B	MQ,P5V,R	104					
NuTech/G2 Gen	5H-806^	HX,RR2	MQ,P5V,R	106					
NuTech/G2 Gen	5Z-503^	OI	MQ,P1V,R	103					
Pioneer	P0589AMT GC	AMT,AQ,B	MQ,P1V,R	105					
Pioneer	P0760AMXT GC	AMXT,AQ,B	MQ,C2,Lu	107					
Pioneer	P0825AMXT CK	AMXT,B	MQ,P1V	108					
Seed Consultants	SCS 1037YHR	OI	MQ,P1V,R	103					
Seed Consultants	SCS 1067YHR	OI	MQ,P1V,R	106					
Seed Consultants	SCS 1086YHR	OI	MQ,P5V,R	108					
Seed Consultants	SCS 10HR43	HX,RR2	MQ,C2	104					
Specialty	35A655	STX,B	AC,P5V	105					
Specialty	37V593	VT3P,B	AC,P5V	107					
Specialty	38A836	STX,B	AC,P5V	108					
Steyer	10304VT2PRO	VT2P	AC,P5V	103					
Steyer	10707GENSS	STX	AC,P5V	107					
Steyer	10805VT2PRORIB	VT2P,B	CM,C2	108					
Steyer	10806GENSSRIB	STX,B	CM,C2	108					
TA Seeds	TA583-28RIB GC	STX,B	CM,C2	108					
Wyckoff	2400VT2P	VT2P	AC,P5V	106					
Wyckoff	2405GENSSRIB	STX,B	AC,P5V	106					
Wyckoff	2540VT2P	VT2P	AC,P5V	108					
Wyckoff	2630GENSS	STX,B	AC,P5V	108					

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Full-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Armor	0909Pro2RIB	VT2P,B	AC,P2	109					
Armor	1040SSRIB	STX,B	AC,P5V	110					
Becks	5828AMX^ GC	AMX,AQ,B	Es	110					
Channel	209-53STXRIB	STX,B	AC,P5V	109					
Channel	211-35STXRIB	STX,B	AC,P5V	111					
Dairyland	DS-9110	STX	CM,C1,Vi,In	110					
Dairyland	DS-9412RA	STX,B	CM,C5,Vi,In	112					
Dairyland	DS-9911	STX	CM,C5,Vi,In	111					
Dekalb	DKC61-54RIB GC	STX,B	ACHD,P5V	111					
Dekalb	DKC62-77RIB GC	STX,B	ACHD,P5V	112					
Ebberts	6619VT2PRIB	VT2P,B	AC,P2	109					
Ebberts	6770VT2PRIB	VT2P,B	AC,P2	110					
Ebberts	9292SSXRIB	STX,B	AC,P5V	112					
Golden Harvest	G09E98-3122	3122,B	AVC,C5,Vi	109					
Golden Harvest	G10T63-3000GT	3000GT	AVC,C5,Vi	110					
Golden Harvest	G11F16-3111A	3111,A	AVC,C5,Vi	111					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
Great Heart	HT-6912SS	STX,B	AC,P5V	109					
Great Heart	HT-7134DGV2P	VT2P,DG	AC,P5V	111					
Great Heart	HT-7240SSRIB	STX,B	AC,P5V	112					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	108					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	N70J-3111A	3111,A	AVC,C5,Vi	112					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V,R	109					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5Z-1001^	OI	MQ,P1V,R	110					
Partners Brand	PB 7962RR GC	RR2	CM,C2	109					
Partners Brand	PB 8082RR GC	RR2	CM,C2	110					
Pioneer	P0825AMXT CK	AMXT,B	MQ,P1V	108					
Pioneer	P1197AMXT GC	AMXT,B	MQ,P1V	111					
Seed Consultants	SC 10AQ96	3000GT	MQ,P5V,R	109					
Seed Consultants	SC 11AQ15	3000GT	MQ,P5V,R	112					
Seed Consultants	SC 11AQ17	3000GT	AVC,C5,Vi	111					
Seed Consultants	SCS 1125YHR	OI	MQ,P5V,R	112					
Specialty	40A286	STX,B	AC,P5V	110					
Specialty	41A743	STX,B	AC,P5V	111					
Specialty	42A843	STX,B	AC,P5V	112					
Steyer	10904VT2PRO	VT2P	CM,C2	109					
Steyer	11005GENSSRIB	STX,B	CM,C2	110					
Steyer	11104VT2PRO	VT2P	AC,P5V	111					
Wyckoff	2636GENSS	STX	AC,P5V	110					
Wyckoff	2655GENSSRIB	STX,B	AC,P5V	111					
Wyckoff	2665DGV2P	VT2P,DG	AC,P5V	111					
Wyckoff	2675VT2P	VT2P	AC,P5V	112					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus® brand seed is distributed by Burrus. HPT® brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Borer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

* The refuge component genetics may vary in a refuge blend seed product.

Corn Seed Treatments**

n/a	information not provided	In	Intego™ Solo
A	Allegiance®	L	Lorsban®
AC	Accelaron® fungicide products	Lu	Lumivia™
AChD	Accelaron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil®
CM	CruiserMaxx® Corn	V	Votivo®
D	Dynasty®	Vi	Vibrance®
Es	Escalate®		

** Seed treatments may include unspecified plant health promoting components.