

2016 Corn Grain Top 30 Harvest Report

Indiana North [INNO] PLYMOUTH
David Knepp, Marshall County, IN 46563



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

PREV. CROP/HERB: Soybean / FirstRate, Roundup
SOIL DESCRIPTION: Brady/Rensselaer sandy loam, well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, high P, high K, 5.9 pH, 2.3% OM
PEST MANAGEMENT: Corvus + atrazine, Laudis + Roundup, Force
FERTILITY - Applied N: 11 Fall, 45 Spring, 29 Planter, 123 Sidedress
Applied N-P-K (units): 208-52-150
SEEDING - RATE - ROW: May 21 32,400 /A 30" spacing
HARVESTED - STAND: Oct 18 33,500 /A

Early-Season Test

103 - 108 Day CRM
B2016INNO77a

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	222.4	20.2	1	32.5	677	1
NuTech/G2 Gen	5H-806^	HX,RR2	106	220.1	20.9	1	31.6	665	3
Wyckoff	2630GENSS	STX,B	108	220.0	21.7	1	33.5	660	5
Seed Consultants	SCS 1037YHR	OI	103	219.3	19.2	1	33.5	674	2
Seed Consultants	SCS 1086YHR	OI	108	219.0	22.7	1	31.6	650	13
Specialty	38A836	STX,B	108	217.9	20.5	1	36.2	661	4
LG Seeds	LG5565STXRIB	STX,B	108	217.4	20.4	1	34.4	660	6
Dekalb	DKC58-06RIB GC	STX,B	108	216.0	20.7	1	33.5	654	8
Armor	0303Pro2	VT2P	103	215.9	21.0	1	40.0	652	10
Becks	5665AMX^ GC	AMX,B	106	215.8	21.1	2	36.2	651	12
NuTech/G2 Gen	5F-308^	AM,B	108	215.4	20.7	1	36.2	652	11
Augusta	A1108VT2ProRIB	VT2P,B	108	215.2	20.3	1	33.5	654	9
Wyckoff	2540VT2P	VT2P	108	214.2	21.4	1	31.6	644	14
Dairyland	DS-9106	STX	106	211.1	20.6	1	29.7	640	16
LG Seeds	LG5554-3111	3111	108	210.3	20.3	1	34.4	640	17
Seed Consultants	SCS 10HR43	HX,RR2	104	210.2	19.5	1	27.9	644	15
Wyckoff	2405GENSSRIB	STX,B	106	209.9	21.2	1	34.4	633	18
Ebberts	9137SSXRIB	STX,B	107	209.0	21.0	1	31.6	631	19
Steyer	10707GENSS	STX	107	206.5	20.3	1	36.2	628	20
Steyer	10805VT2PRORIB	VT2P,B	108	205.9	21.0	1	35.3	622	21
Dairyland	DS-9508RA	STX,B	108	204.5	21.5	1	32.5	615	24
TA Seeds	TA583-28RIB GC	STX,B	108	203.3	21.1	1	28.8	613	26
Pioneer	P0760AMXT GC	AMXT,AQ,B	107	203.1	20.8	1	32.5	615	25
Becks	5337SX GC	STX,B	103	202.0	19.2	1	35.3	621	22
Ebberts	6587VT2PRIB	VT2P,B	107	201.8	19.9	1	33.5	616	23
NuTech	X5V-0707	3111	107	200.4	20.8	1	32.5	606	29
Pioneer	P0589AMT GC	AMT,AQ,B	105	200.1	20.1	2	34.4	610	28
NuTech/G2 Gen	5F-504^	AM,B	104	199.5	20.5	1	31.6	605	30
NK Brand	N60F-3111	3111	107	199.0	21.0	1	34.4	601	31
Ebberts	6466VT2P	VT2P	106	198.6	18.8	1	35.3	613	27
Pioneer	P0825AMXT CK	AMXT,B	108	216.4	20.1	1	34.4	659	7

Jason Beyers

beyers@frontiernet.net, (815) 985-7369

Averages = **203.0** **20.4** **1** **33.5** **617**

LSD (0.10) = 16.0 1.4 2

LSD (0.25) = 11.2 0.9 1

C.V. = 5.8 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

Test Comments: *Corn at this location got off to a great start, I do believe that every kernel germinated. Growing conditions were favorable throughout the growing season. Corn had some good vegetative growth, resulting in tall plants and high ear placement. Stalks were strong too. The majority of the plot had little to no disease. David commented, "The field around the plot averaged around 210 bu/acre."*

† 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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FERTILITY - Applied N: 11 Fall, 45 Spring, 29 Planter, 123 Sidedress
Applied N-P-K (units): 208-52-150
SEEDING - RATE - ROW: May 21 32,400 /A 30" spacing
HARVESTED - STAND: Oct 18 33,800 /A

Full-Season Test
109 - 112 Day CRM
B2016INNO77b

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
Seed Consultants	SCS 1125YHR	OI	112	225.9	22.8	1	34.4	670	7
NuTech/G2 Gen	X5Z-1001^	OI	110	224.7	20.7	2	33.5	681	2
LG Seeds	LG5618STXRIB	STX,B	112	223.5	21.4	1	33.5	672	5
Channel	209-53STXRIB	STX,B	109	222.4	20.6	1	34.4	674	4
Wyckoff	2675VT2P	VT2P	112	221.4	22.7	1	35.3	657	10
NK Brand	N70J-3111A	3111,A	112	221.3	22.4	1	35.3	659	9
Dekalb	DKC62-77RIB GC	STX,B	112	221.0	20.5	1	33.5	671	6
NuTech/G2 Gen	5F-710^	AM,B	110	220.5	19.7	1	31.6	675	3
Seed Consultants	SC 11AQ15	3000GT	112	220.2	23.1	1	33.5	651	15
Channel	211-35STXRIB	STX,B	111	218.5	22.0	1	31.6	653	13
Seed Consultants	SC 11AQ17	3000GT	111	218.5	22.9	1	35.3	647	18
Golden Harvest	G10T63-3000GT	3000GT	110	217.6	21.4	1	33.5	655	11
Ebberts	6770VT2PRIB	VT2P,B	110	217.5	19.7	1	31.6	665	8
Steyer	11104VT2PRO	VT2P	111	215.7	21.5	2	34.4	648	17
Dekalb	DKC61-54RIB GC	STX,B	111	215.3	22.1	1	33.5	643	19
Wyckoff	2665DGVT2P	VT2P,DG	111	215.2	21.2	1	35.3	649	16
Armor	0909Pro2RIB	VT2P,B	109	215.0	20.2	1	30.7	654	12
Wyckoff	2636GENSS	STX	110	213.8	19.9	1	31.6	653	14
Becks	5828AMX^ GC	AMX,AQ,B	110	213.5	21.2	1	33.5	643	20
Partners Brand	PB 8082RR GC	RR2	110	213.0	21.0	1	33.5	643	21
LG Seeds	LG5548STXRIB	STX,B	108	212.3	21.1	2	34.4	641	22
Pioneer	P1197AMXT GC	AMXT,B	111	211.3	21.1	1	36.2	637	26
NuTech/G2 Gen	5F-510^	AM,B	110	211.3	21.2	1	34.4	637	27
Great Heart	HT-6912SS	STX,B	109	211.2	21.8	2	34.4	633	31
Armor	1040SSRIB	STX,B	110	210.9	21.1	1	33.5	636	28
Partners Brand	PB 7962RR GC	RR2	109	210.7	20.8	1	38.1	638	24
Seed Consultants	SC 10AQ96	3000GT	109	210.6	20.6	1	34.4	639	23
Wyckoff	2655GENSSRIB	STX,B	111	210.3	20.6	1	34.4	638	25
Dairyland	DS-9911	STX	111	210.0	20.8	1	30.7	635	30
Steyer	11005GENSSRIB	STX,B	110	209.6	20.5	1	29.7	636	29
Pioneer	P0825AMXT CK	AMXT,B	108	229.4	20.7	1	34.4	695	1

Jason Beyers

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Averages = **213.5** **21.4** **1** **33.8** **642**

LSD (0.10) = 12.7 1.5 ns

LSD (0.25) = 8.8 1.0 ns

C.V. = 4.4

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: *Corn at this location got off to a great start, I do believe that every kernel germinated. Growing conditions were favorable throughout the growing season. Corn had some good vegetative growth, resulting in tall plants and high ear placement. Stalks were strong too. The majority of the plot had little to no disease. David commented, "The field around the plot averaged around 210 bu/acre."*

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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					

2016 Corn Grain - Indiana North [INNO]



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	Acceleron® fungicide products	Lu	Lumivia™
AChD	Acceleron® 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.