

2018 Corn Grain Top 30 Harvest Report

Indiana North [INNO] HOWE
 Carl Quirin, LaGrange County, IN 49091



Test by: M&D Seed Research, LLC, Van Buren, IN

PREV. CROP/HERB: Corn / Acuron, Roundup
 SOIL DESCRIPTION: Elston sandy loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, medium P, very high K, 5.6 pH, 2.9% OM, 12.7 CEC
 PEST MANAGEMENT: Acuron, Balance Flexx, Bicep II Magnum, Force
 FERTILITY - Applied N: 15 Spring, 76 Planter, 90 Sidedress
 Applied N-P-K (units): 181-32-106
 SEEDED - RATE - ROW: May 2 32,600 /A 30" spacing
 HARVESTED - STAND: Oct 9 31,400 /A

Early-Season Test
103 - 108 Day CRM
 B2018INNO01a

Top 30 of 42

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
Golden Harvest	G07F23-3111	3111	107	186.8	18.2	1	31.7	592	1
Specialty	38A388	STX,B	108	183.5	18.5	1	31.7	580	2
Ebberts	6899VT2PRIB	VT2P,B	109	183.2	19.0	1	30.8	577	3
Rupp	xrA08-78	3110	108	180.9	17.9	1	32.1	575	4
Golden Harvest	G08M20-3010	3010	108	177.8	17.8	3	32.1	565	5
Wyckoff	2540VT2PRIB	VT2P,B	108	175.9	18.3	1	32.1	557	8
NuTech/G2 Gen	5FN-8808	OI	108	175.4	17.4	1	30.8	560	6
NuTech/G2 Gen	5FN-2204	OI	104	174.5	16.7	1	31.7	560	7
Golden Harvest	G06Q68-3220-EZR	3220,B	106	173.7	17.8	1	30.8	552	9
NuTech	5VN-4707	3111	107	173.7	17.8	2	32.1	552	10
Ebberts	9356SSXRIB	STX,B	106	172.4	17.8	1	30.8	548	12
Becks	5866AM GC	AM,B	108	172.4	17.8	1	31.2	548	13
Seed Consultants	SC 10AGT59	3010	105	172.1	17.2	2	30.8	550	11
LG Seeds	LG58C77VT2PRO	VT2P	108	171.0	19.0	1	31.2	539	14
NK Brand	NK0886-3010	3010	108	169.8	18.0	1	30.3	539	15
Wyckoff	2585SSRIB	STX,B	108	169.3	19.0	1	31.7	533	17
FS InVISION	FS 55RL1 EZR	3220,B	105	169.2	17.5	1	30.8	539	16
FS InVISION	FS 58R49	3111	108	168.9	19.4	1	32.1	530	21
NK Brand	NK0330-3120-EZR	3120,B	103	166.5	17.2	4	31.7	532	20
LG Seeds	LG5525VT2RIB	VT2P,B	105	166.4	17.9	1	30.8	529	22
Wyckoff	2500SSRIB	STX,B	106	166.3	16.8	1	31.7	533	18
Golden Harvest	G04S19-3010	3010	104	166.1	16.6	1	31.7	533	19
Ebberts	6138VT2PRIB	VT2P,B	108	165.4	18.6	2	31.2	523	26
Seed Consultants	SCS 1087YHR	OI	108	165.1	17.6	1	31.7	526	23
NK Brand	NK0624-3220-EZR	3220,B	106	165.0	17.8	1	32.1	525	24
Wyckoff	2633VT2PRIB	VT2P,B	108	164.9	18.5	1	32.6	521	27
FS InVISION	FS 57ZX1 RIB	STX,B	107	164.2	17.0	1	30.3	525	25
NK Brand	NK0821-3120A-EZR GC	3120,A,B	108	162.9	18.0	1	31.2	517	28
Purple Ribbon	18A07VT2PRIB	VT2P,B	107	160.1	16.6	1	32.6	514	29
Rupp	xrD07-72	VT2P,B	107	159.7	17.0	1	31.2	511	30
Pioneer	P0825AM CK	AM,B	108	160.6	18.5	1	30.8	508	31

Matt Turner
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Averages =	166.2	17.8	1	31.4	529
LSD (0.10) =	9.6	0.4	ns		
LSD (0.25) =	5.0	0.2	1		
C.V. =	5.5	Prev. years average yield, 184.2 bu/a, 1 yr			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

Test Comments: *This site is very representative of the dryland sandy loam soils typical of northern Indiana. The plot was planted early into good conditions and received above average rain for three weeks. Conditions turned dry with above average heat during pollination. Yields are below normal due to poor pollination. Corn stood well at harvest with good stalk strength with little kernel disease present.*

† 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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PEST MANAGEMENT: Acuron, Balance Flexx, Bicep II Magnum, Force
FERTILITY - Applied N: 15 Spring, 76 Planter, 90 Sidedress
Applied N-P-K (units): 181-32-106
SEEDING - RATE - ROW: May 2 32,600 /A 30" spacing
HARVESTED - STAND: Oct 9 31,300 /A

Full-Season Test
109 - 112 Day CRM
B2018INNO01b

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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	40D148	VT2P,B	110	185.9	19.0	1	30.8	586	1
FS InVISION	FS 62ZX1 RIB	STX,B	112	182.1	20.1	1	31.7	569	2
Great Heart	HT-7244VT2PRIB	VT2P,B	112	181.9	20.9	1	31.2	564	4
Partners Brand	PB 8230DVT2P	VT2P,DG	112	181.5	19.5	1	30.8	569	3
Great Heart	HT-7026SSRIB	STX,B	110	179.3	19.2	1	30.8	564	5
Great Heart	HT-6901SSRIB	STX,B	109	178.8	19.4	1	31.7	561	8
Rupp	xrD12-49	VT2P,B	112	178.8	20.0	1	31.7	559	10
Ebberts	6121VT2PRIB	VT2P,B	111	178.2	19.4	1	30.3	560	9
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	178.0	18.6	1	31.2	562	7
NuTech/G2 Gen	5FB-1010	AM,B	110	177.9	18.2	1	31.7	564	6
Wyckoff	2669SSRIB	STX,B	112	177.9	19.7	1	32.1	557	12
FS InVISION	FS 59VL1 EZR	3220,B	109	177.5	19.2	1	32.1	558	11
Rupp	xrD10-16	VT2P,B	110	176.4	18.6	1	31.2	557	13
Channel	209-15STXRIB	STX,B	109	175.7	20.0	1	30.8	549	14
Dairyland	DS-9412SSX	STX	112	175.1	20.2	1	31.7	546	15
FS InVISION	FS 60UX1 RIB	STX,B	110	172.7	19.9	1	31.7	540	16
LG Seeds	LG5606STXRIB	STX,B	111	172.6	20.5	1	32.1	537	20
Wyckoff	2668SSRIB	STX,B	112	172.5	20.0	1	31.7	539	17
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	172.5	20.1	1	30.3	539	18
Pioneer	P1197AM GC	AM,B	111	170.8	18.9	1	31.2	538	19
Dairyland	DS-9510RA	STX,B	110	170.6	21.9	1	30.3	525	26
Purple Ribbon	19R09VT2P	VT2P	109	170.0	19.1	1	31.7	535	22
Dairyland	DS-7909PE	PC,E	109	169.6	19.0	1	30.3	534	23
Dairyland	RPM-5018AM	AM,B	109	169.4	18.5	1	31.2	536	21
Wyckoff	2665DGVT2PRIB	VT2P,B	112	169.1	20.5	1	31.7	526	24
LG Seeds	LG62C02VT2PRO	VT2P	112	167.7	19.5	1	32.1	526	25
FS InVISION	FS 60LX1 RIB	STX,B	110	166.8	19.1	1	30.8	525	27
Ebberts	6552VT2PRIB	VT2P,B	112	165.4	19.4	1	30.8	519	30
Rupp	xrD11-57	VT2P,B	111	165.1	18.5	1	29.9	522	28
NK Brand	NK0962-3220A-EZR	3220,A,B	109	165.1	18.5	2	31.7	522	29
Pioneer	P0825AM CK	AM,B	108	155.8	19.1	1	30.8	490	41

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Averages = **168.0** **19.4** **2** **31.3** **527**

LSD (0.10) = 11.8 0.6 1

LSD (0.25) = 6.2 0.3 0

C.V. = 6.7 Prev. years average yield, 184.2 bu/a, 1 yr

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

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Early-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Becks	5765AM GC	AM,B	Es	107					
Becks	5866AM GC	AM,B	Es	108					
Dairyland	DS-6008	RR2	CM,C5,Vi,In	108					
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Dairyland	RPM-4816AM	AM,B	MQ,P5V,R	108					
Ebberts	6138VT2PRIB	VT2P,B	AC,P2	108					
Ebberts	6899VT2PRIB	VT2P,B	AC,P2	109					
Ebberts	9356SSXRIB	STX,B	AC,P5V	106					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
FS InVISION	FS 55RL1 EZR	3220,B	CM,C2,Vi	105					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 58R49	3111	AVC,C5	108					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G08M20-3010	3010	AVC,C5,Vi	108					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG57C28VT2PRO	VT2P	AC,P5V	107					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106					
NK Brand	NK0821-3120A-EZR GC	3120,A,B	AVC,C5,Vi	108					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NuTech	5VN-4707	3111	MQ,P5V,R	107					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,P5V,R	106					
Pioneer	P0825AM CK	AM,B	MQ,C5,R,Lu	108					
Purple Ribbon	18A07VT2PRIB	VT2P,B	AC,P2	107					
Rupp	xrA08-78	3110	CM,C2	108					
Rupp	xrD06-70	VT2P,B	AC,P2	106					
Rupp	xrD07-72	VT2P,B	AC,P2	107					
Seed Consultants SC	10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants SCS	1018YHR	OI,AQ	MQ,P1V,R	101					
Seed Consultants SCS	1087YHR	OI	MQ,P1V,R	108					
Seed Consultants SCS	10HR43	HX,RR2	MQ,P1V,R	104					
Specialty	34A007	STX,B	AC,P5V	104					
Specialty	38A388	STX,B	AC,P5V	108					
Wyckoff	2500SSRIB	STX,B	AC,P5V	106					
Wyckoff	2540VT2PRIB	VT2P,B	AC,P5V	108					
Wyckoff	2585SSRIB	STX,B	AC,P5V	108					
Wyckoff	2633VT2PRIB	VT2P,B	AC,P5V	108					

2018 Corn Grain - Indiana North [INNO]



Full-Season Test Products (48 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Channel	209-15STXRIB	STX,B	AC,P5V	109	Wyckoff	2668SSRIB	STX,B	AC,P5V	112
Channel	210-79STXRIB	STX,B	AC,P5V	110	Wyckoff	2669SSRIB	STX,B	AC,P5V	112
Channel	212-20STXRIB	STX,B	AC,P5V	112	Wyckoff	2700SSRIB	STX,B	AC,P5V	114
Dairyland	DS-7909PE	PC,E	CM,C5,Vi,In	109					
Dairyland	DS-9412SSX	STX	CM,C1,Vi,In	112					
Dairyland	DS-9510RA	STX,B	CM,C5,Vi,In	110					
Dairyland	RPM-5018AM	AM,B	CM,C2,R,Lu	109					
Ebberts	6121VT2PRIB	VT2P,B	AC,P2	111					
Ebberts	6552VT2PRIB	VT2P,B	AC,P2	112					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60LX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 60UX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G09A86-3000GT	3000GT	AVC,C5,Vi	109					
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Golden Harvest	G10T63-3120-EZR	3120,B	AVC,C5,Vi	110					
Golden Harvest	G12W66-3220-EZR	3220,B	AVC,C5,Vi	112					
Great Heart	HT-6901SSRIB	STX,B	AC,P5V	109					
Great Heart	HT-7026SSRIB	STX,B	AC,P5V	110					
Great Heart	HT-7244VT2PRIB	VT2P,B	AC,P5V	112					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
LG Seeds	LG62C02VT2PRO	VT2P	AC,P5V	112					
NK Brand	NK0962-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
NK Brand	NK1066-3120-EZR	3120,B	AVC,C5,Vi	110					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,I	112					
NuTech/G2 Gen	5F-710	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-1010	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FN-3310	OI	MQ,P5V,R	110					
Partners Brand	PB 8230DVT2P	VT2P,DG	AL2500	112					
Pioneer	P0825AM CK	AM,B	MQ,C5,R,Lu	108					
Pioneer	P1197AM GC	AM,B	MQ,C2,R,Lu	111					
Purple Ribbon	18A10VT2PRIB	VT2P,B	AC,P2	110					
Purple Ribbon	18A12VT2PRIB	VT2P,B	AC,P2	112					
Purple Ribbon	19R09VT2P	VT2P	AC,P5V	109					
Rupp	xrD10-16	VT2P,B	AC,P2	110					
Rupp	xrD11-57	VT2P,B	AC,P2	111					
Rupp	xrD12-49	VT2P,B	AC,P2	112					
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					
Specialty	40D148	VT2P,B	AC,P2	110					
Specialty	41A117	STX,B	AC,P5V	111					
Wyckoff	2665DGVT2PRIB	VT2P,B	AC,P5V	112					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
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)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Boreer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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