

2018 Corn Grain Top 30 Harvest Report

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



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

PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Riddles-Oshtemo sandy loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.6 pH, 2.3% OM, 7.1 CEC
PEST MANAGEMENT: Corvus, Laudis, atrazine, Roundup, Ethos, Force
FERTILITY - Applied N: 7 Fall, 14 Planter, 150 Sidedress
Applied N-P-K (units): 171-18-120
SEEDING - RATE - ROW: May 27 32,500 /A 30" spacing
HARVESTED - STAND: Nov 7 32,300 /A

Early-Season Test
103 - 108 Day CRM
B2018INNO03a

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
NuTech/G2 Gen	5H-806	HX,RR2	106	234.8	17.4	2	31.7	690	1
Wyckoff	2633VT2PRIB	VT2P,B	108	233.3	17.0	2	32.6	688	3
Ebberts	6138VT2PRIB	VT2P,B	108	232.2	16.1	7	32.6	690	2
Wyckoff	2540VT2PRIB	VT2P,B	108	230.1	16.3	6	32.1	683	5
Seed Consultants	SCS 10HR43	HX,RR2	104	225.7	17.0	1	32.1	666	6
Becks	5765AM GC	AM,B	107	225.2	17.6	5	31.7	661	7
NuTech/G2 Gen	5FN-2204	OI	104	221.4	16.4	1	32.1	656	8
NuTech/G2 Gen	5FN-8808	OI	108	221.0	16.7	2	31.7	654	9
Ebberts	6899VT2PRIB	VT2P,B	109	219.6	17.2	2	32.1	647	10
Wyckoff	2585SSRIB	STX,B	108	217.5	16.7	1	32.6	643	12
Dairyland	DS-6008	RR2	108	217.5	17.2	1	32.1	641	14
Becks	5866AM GC	AM,B	108	217.3	16.2	3	32.6	645	11
FS InVISION	FS 58R49	3111	108	217.1	16.6	2	32.1	643	13
Seed Consultants	SC 10AGT59	3010	105	214.9	15.9	1	32.1	640	15
Golden Harvest	G06Q68-3220-EZR	3220,B	106	214.2	15.9	3	32.6	638	16
Specialty	34A007	STX,B	104	213.7	15.8	1	32.6	637	17
Seed Consultants	SCS 1087YHR	OI	108	212.7	16.3	1	32.6	631	18
Specialty	38A388	STX,B	108	212.4	16.4	1	32.6	630	21
FS InVISION	FS 57ZX1 RIB	STX,B	107	212.3	16.1	1	32.6	631	19
Wyckoff	2500SSRIB	STX,B	106	212.1	16.0	1	32.6	631	20
NK Brand	NK0624-3220-EZR	3220,B	106	211.5	16.0	2	32.6	629	22
Golden Harvest	G07F23-3111	3111	107	211.3	16.4	1	32.6	627	23
Ebberts	9356SSXRIB	STX,B	106	207.8	16.1	3	31.7	618	24
Dairyland	DS-9508RA	STX,B	108	207.5	17.0	1	32.6	612	27
FS InVISION	FS 55RL1 EZR	3220,B	105	207.0	16.1	6	32.6	615	25
NuTech	5VN-4707	3111	107	206.6	16.3	4	32.1	613	26
Purple Ribbon	18A07VT2PRIB	VT2P,B	107	203.4	16.0	1	32.6	605	28
Seed Consultants	SCS 1018YHR	OI,AQ	101	202.3	15.9	1	32.1	602	29
Golden Harvest	G04S19-3010	3010	104	201.8	15.6	9	32.6	602	30
LG Seeds	LG58C77VT2PRO	VT2P	108	201.7	16.1	3	31.2	600	31
Pioneer	P0825AM CK	AM,B	108	231.9	16.5	2	32.6	687	4

Matt Turner
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Averages =	210.3	16.3	3	32.3	624
LSD (0.10) =	10.9	0.4	4		
LSD (0.25) =	5.7	0.2	2		
C.V. =	4.9	Prev. years average yield, 214.1 bu/a, 2 yrs			

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *This site stayed wet through spring and could not be planted until the end of May. Despite the late planting, corn dried well and was able to fully mature thanks to the ample heat and moisture during the growing season. Corn stood well at harvest and any plant lodging observed did not result in grain loss. Some gibberella and diplodia was seen at harvest but not a large amount.*

† 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: Corvus, Laudis, atrazine, Roundup, Ethos, Force
FERTILITY - Applied N: 7 Fall, 14 Planter, 150 Sidedress
Applied N-P-K (units): 171-18-120
SEEDING - RATE - ROW: May 27 32,500 /A 30" spacing
HARVESTED - STAND: Nov 7 32,200 /A

Full-Season Test
109 - 112 Day CRM
B2018INNO03b

Top 30 of 48

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
FS InVISION	FS 60UX1 RIB	STX,B	110	240.7	17.8	1	32.6	705	1
Dairyland	DS-7909PE	PC,E	109	239.9	18.5	5	30.8	699	2
Wyckoff	2668SSRIB	STX,B	112	236.5	17.6	2	32.6	694	3
FS InVISION	FS 62ZX1 RIB	STX,B	112	233.7	19.1	5	31.7	677	7
LG Seeds	LG5590VT2RIB	VT2P,B	110	233.3	17.6	1	32.6	685	4
Purple Ribbon	18A12VT2PRIB	VT2P,B	112	232.9	18.4	2	32.6	679	5
Wyckoff	2665DGVT2PRIB	VT2P,B	112	232.2	18.4	5	32.1	677	8
Ebberts	6552VT2PRIB	VT2P,B	112	231.8	17.9	3	32.6	679	6
Great Heart	HT-7026SSRIB	STX,B	110	231.6	18.8	5	31.7	673	10
Great Heart	HT-7244VT2PRIB	VT2P,B	112	231.4	18.3	2	32.6	675	9
Wyckoff	2669SSRIB	STX,B	112	229.6	19.2	2	32.6	665	13
Pioneer	P1197AM GC	AM,B	111	228.6	18.4	2	32.6	666	12
NuTech/G2 Gen	5FB-1010	AM,B	110	228.4	17.8	13	32.1	669	11
Rupp	xrD12-49	VT2P,B	112	227.6	18.5	2	32.6	663	15
Great Heart	HT-6901SSRIB	STX,B	109	227.2	17.9	2	32.6	665	14
Ebberts	6121VT2PRIB	VT2P,B	111	227.0	18.4	3	32.6	662	16
Channel	209-15STXRIB	STX,B	109	225.9	18.4	2	32.1	658	18
Partners Brand	PB 8230DVT2P	VT2P,DG	112	225.7	18.9	2	32.1	655	22
LG Seeds	LG62C02VT2PRO	VT2P	112	223.6	17.7	2	32.1	656	21
Rupp	xrD10-16	VT2P,B	110	223.5	17.5	1	31.7	657	19
Purple Ribbon	18A10VT2PRIB	VT2P,B	110	223.2	17.3	2	30.3	657	20
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	222.6	17.3	4	31.7	655	23
NuTech/G2 Gen	5FN-3310	OI	110	222.4	19.0	4	31.7	645	28
Wyckoff	2700SSRIB	STX,B	114	221.2	18.8	2	32.6	643	29
LG Seeds	LG59C66VT2PRO	VT2P	109	220.6	17.3	3	32.1	649	24
Specialty	40D148	VT2P,B	110	220.1	17.0	10	32.6	649	25
Rupp	xrD11-57	VT2P,B	111	219.9	17.4	4	31.7	647	26
Seed Consultants	SCS 1098YHR	OI	109	219.4	17.9	15	31.7	642	31
Purple Ribbon	19R09VT2P	VT2P	109	218.7	16.9	2	32.6	646	27
Golden Harvest	G09A86-3000GT	3000GT	109	218.2	17.2	2	32.6	643	30
Pioneer	P0825AM CK	AM,B	108	225.1	17.6	4	32.1	661	17

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Averages = **219.6** **17.9** **4** **32.2** **643**

LSD (0.10) = 9.6 0.4 5

LSD (0.25) = 5.0 0.2 3

C.V. = 4.1

Prev. years average yield, 214.1 bu/a, 2 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

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2018 Corn Grain - Indiana North [INNO]



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 Borer	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.