

2018 Corn Grain Top 30 Harvest Report

Indiana North [INNO] VALPARAISO

Kurt Coulter, LaPorte County, IN 46391



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

PREV. CROP/HERB: Soybean / Sonic, FirstRate, Roundup
 SOIL DESCRIPTION: Bourbon-Hanna sandy loam, well drained, non-irrigated
 SOIL CONDITION: Conventional w/ fall till, very high P, very high K, 4.9 pH, 1.9% OM, 11 CEC
 PEST MANAGEMENT: Force, SureStart, Roundup
 FERTILITY - Applied N: 180 Spring, 10 Planter
 Applied N-P-K (units): 190-46-60
 SEEDING - RATE - ROW: Apr 26 33,900 /A 30" spacing
 HARVESTED - STAND: Oct 16 32,700 /A

Early-Season Test

103 - 108 Day CRM

B2018INNO04a

Top 30 of 42

For Gross Income (Sorted by Yield)

Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Specialty	38A388	STX,B	108	197.3	15.2	10	33.9	640	1
Wyckoff	2633VT2PRIB	VT2P,B	108	194.3	15.7	29	33.3	628	2
NK Brand	NK0886-3010	3010	108	193.5	15.1	7	32.6	628	3
Rupp	xrA08-78	3110	108	193.4	15.3	13	32.6	627	4
Ebberts	6899VT2PRIB	VT2P,B	109	192.0	15.8	7	33.3	620	6
LG Seeds	LG58C77VT2PRO	VT2P	108	191.9	15.7	17	32.6	620	7
NuTech	5VN-4707	3111	107	191.7	15.3	7	31.9	622	5
NK Brand	NK0821-3120A-EZR GC	3120,A,B	108	190.0	15.3	10	30.5	616	8
FS InVISION	FS 58R49	3111	108	189.9	16.0	10	32.6	612	9
FS InVISION	FS 57ZX1 RIB	STX,B	107	188.6	15.3	20	33.3	612	10
Golden Harvest	G06Q68-3220-EZR	3220,B	106	188.4	15.1	13	33.3	612	11
Ebberts	9356SSXRIB	STX,B	106	187.8	15.5	4	33.3	608	12
Becks	5765AM GC	AM,B	107	187.5	15.7	1	33.3	606	13
Golden Harvest	G08M20-3010	3010	108	186.2	15.1	13	31.2	605	14
Seed Consultants	SCS 10HR43	HX,RR2	104	185.6	15.7	5	32.6	600	16
Seed Consultants	SCS 1087YHR	OI	108	185.2	15.0	13	32.6	602	15
Wyckoff	2540VT2PRIB	VT2P,B	108	183.4	15.5	15	33.3	594	18
Rupp	xrD07-72	VT2P,B	107	183.3	15.2	7	31.9	595	17
NK Brand	NK0624-3220-EZR	3220,B	106	183.2	15.2	13	33.3	594	19
FS InVISION	FS 53ZX1 RIB	STX,B	103	182.7	15.4	9	33.3	592	20
Purple Ribbon	18A07VT2PRIB	VT2P,B	107	182.7	15.5	10	33.3	591	21
Golden Harvest	G07F23-3111	3111	107	181.7	15.3	10	33.3	589	23
Wyckoff	2585SSRIB	STX,B	108	180.1	15.2	10	33.3	584	24
Dairyland	RPM-4816AM	AM,B	108	177.9	15.5	17	31.9	576	25
LG Seeds	LG5525VT2RIB	VT2P,B	105	177.3	15.4	10	32.6	574	26
Seed Consultants	SCS 1018YHR	OI,AQ	101	176.5	15.1	15	32.6	573	27
Rupp	xrD06-70	VT2P,B	106	175.2	15.2	4	31.9	569	28
LG Seeds	LG57C28VT2PRO	VT2P	107	172.1	15.3	7	31.9	558	29
Ebberts	6138VT2PRIB	VT2P,B	108	170.6	15.6	13	33.3	552	31
Becks	5866AM GC	AM,B	108	170.4	15.3	25	31.9	553	30
Pioneer	P0825AM CK	AM,B	108	182.4	15.3	10	32.6	591	22

Matt Turner

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Averages = **179.1** **15.4** **12** **32.7** **580**

LSD (0.10) = 15.8 0.2 13

LSD (0.25) = 8.3 0.1 7

C.V. = 6.8

New test site, no yield history

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 was the first planted for the year and went in well. This site is a good representation of a northern Indiana non-irrigated sandy loam. Drier than usual July hurt pollination, ear size and grain fill that lowered yield. Lodging was a big factor. Every plot had some broken or deteriorated stalks. A fertilizer application equipment malfunction hurt results in the full-season test leading to it's rejection.*

† 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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Report Date: 10/30/2018 Revised:

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PEST MANAGEMENT: Force, SureStart, Roundup
FERTILITY - Applied N: 180 Spring, 10 Planter
Applied N-P-K (units): 190-46-60
SEEDED - RATE - ROW: Apr 26 33,900 /A 30" spacing
HARVESTED - STAND: Oct 16 32,400 /A

Full-Season Test
109 - 112 Day CRM
B2018INNO04b

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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
LG Seeds	LG6880VT2P40	V2P40	110	166.7	15.6	14	32.6	517	1
Force	FB18744R GC	44R	111	166.9	15.5	16	31.2	512	2
Force/AGRO	FB46211 R40	STL B	110	166.6	15.5	16	32.6	511	3
Great Harvest	HT 7266VT2P40	V2P40	112	166.3	15.7	7	32.6	509	4
Purple Ribbon	PR18744R	V2P	109	163.8	15.6	16	32.6	506	5
Elberta	EL21VT2P40	V2P40	112	161.4	15.6	16	32.1	500	6
Channel	216-7607R40	STL B	110	161.3	15.6	17	32.6	500	7
Channel	212-2807R40	STL B	112	176.4	15.6	17	31.1	578	8
Channel	209-1607R40	STL B	109	176.3	15.3	17	31.1	578	10
Great Harvest	HT 7266R40	STL B	112	176.3	15.6	17	32.1	576	11
LG Seeds	LG6880VT2P40	V2P	112	175.4	15.6	16	32.6	568	12
DeLand	DS 44120R	STL	112	175.3	15.6	14	32.6	568	14
LG Seeds	LG6880VT2P40	STL B	111	175.1	15.5	23	32.6	567	13
NuTech/20 Gen	NT6 216	STL	110	174.4	15.8	16	31.2	563	15
Ray	w211 67	STL	111	174.3	15.6	16	32.6	563	16
Hydell	264300VT2P40	V2P40	112	173.9	15.7	11	32.6	559	18
Golden Harvest	GH763-710R-42R	STL B	112	172.7	15.2	8	32.1	560	17
NuTech	NT6 212	STL	112	171.3	15.9	4	31.7	553	19
AG Brand	AG18744R	STL B	109	169.8	15.5	16	31.2	550	20
LG Seeds	LG6880VT2P40	V2P40	112	169.6	15.3	26	32.1	548	21
Hydell	264311	STL B	112	169.6	15.6	16	32.1	548	22
Great Harvest	HT 68110R40	STL B	109	167.8	15.4	7	32.1	544	23
Partners Brand	PB 6230VT2P40	V2P40	112	167.8	15.9	17	32.6	542	24
Seed Consultants	SC3 101	OK	109	167.2	15.8	17	32.6	540	25
Hydell	264311	STL B	112	166.2	15.3	22	32.6	539	26
Elberta	EL21VT2P40	V2P40	111	165.6	15.5	16	32.6	536	27
Golden Harvest	GH446-7000T	3000T	109	165.2	15.4	11	32.6	536	28
Purple Ribbon	PR18744R	V2P40	110	165.0	15.6	16	31.7	534	29
Force/AGRO	FB46211 R40	STL B	112	164.9	15.7	16	32.1	533	30
Specialty	402 148	V2P40	110	164.4	15.2	21	32.6	533	31
Force	FB18744R	V2P40	111	171.3	15.7	17	31.1	578	8

REJECTED

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Averages =	167.4	15.5	15	32.4	542
LSD (0.10) =	21.7	0.3	11		
LSD (0.25) =	11.4	0.2	6		
C.V. =	12.3			New test site, no yield history	

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 was the first planted for the year and went in well. This site is a good representation of a northern Indiana non-irrigated sandy loam. Drier than usual July hurt pollination, ear size and grain fill that lowered yield. Lodging was a big factor. Every plot had some broken or deteriorated stalks. A fertilizer application equipment malfunction hurt results in the full-season test leading to it's rejection.*

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Report Date: 10/30/2018 Revised:

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.