

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test 103 - 108 Day CRM
B2019INNO01a

Top 30 of 40 For Gross Income
(Sorted by Yield)
Average of (4) Replications

PREV. CROP/HERB: Soybean / Metribuzin, Dicamba

SOIL DESCRIPTION: Elston sandy loam , well drained

SOIL CONDITION: Conventional W/ Fall Till, very high
P, very high K, 6.2 pH, 3.3% OM,
11.7 CEC

PEST MANAGEMENT: Force, Balance Flex, Bicep 2 Mag

FERTILITY - Applied N: 25.0 Fall, 60 Spring, 8 Planter, 90
Sidedress

Applied N-P-K (units): 183-28-120

SEEDED - RATE - ROW: May 15 33.5 /A 30" spacing

HARVESTED - STAND: Oct 6 32.7 /A

TEST COMMENTS:

This site is a good example of fertile dryland in North Central Indiana. The site was planted in mid May under good conditions, and with plenty of early moisture had good emergence and early vigor. Weather did cause some stress later in the season when the moisture began to run out and heat went up. Plot was still standing well at harvest, but stalk quality was beginning to deteriorate.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
DAIRYLAND	DS-4440AM	AM,B	104	216.0	20.9	1	32.6	778	2	
RUPP	XR D03-07	VT2P,B	103	214.3	19.1	2	32.6	782	1	
RUPP	XR D06-53	VT2P,B	106	211.0	19.9	5	33.3	766	3	
WYCKOFF	2433SSRIB	STX,B	106	210.8	20.5	1	32.6	761	4	
WYCKOFF	2633VT2PRIB	VT2P,B	108	207.8	20.5	5	32.6	751	5	
FS INVISION	FS 53ZX1 RIB	STX,B	103	206.9	20.3	1	32.6	748	6	
GREAT HEART	HT-6843VT2P	VT2P,B	108	206.0	21.5	2	32.6	739	8	
EBBERTS	9356SSXRIB	STX,B	106	203.9	20.0	1	33.6	739	7	
RUPP	XR D07-72	VT2P,B	107	199.1	19.1	3	31.9	726	9	
EBBERTS	6899VT2PRIB	VT2P,B	108	198.8	22.5	2	32.6	708	14	
DAIRYLAND	DS-4580AM	AM	105	198.6	19.8	1	32.9	721	10	
FS INVISION	FS 57ZV1 RIB	VT2P,B	107	197.3	19.2	5	32.3	719	11	
AUGUSTA	A2856	3220,B	105	196.5	20.7	9	32.2	709	12	
NK BRAND	NK0624-3220-EZR	3220,B	106	195.9	20.2	5	32.9	709	13	
DAIRYLAND	DS-4310AM	AM	103	195.8	20.9	1	32.6	705	15	
SPECIALTY	38A388	STX,B	108	195.7	21.9	1	33.3	700	17	
AUGUSTA	A1059 GC	3110	109	195.6	22.8	2	33.3	695	20	
PARTNERS BRAND	PB 7977-VT2P GC	VT2P,B	108	194.1	22.2	2	32.3	693	22	
FS INVISION	FS 5594V RIB	VT2P,B	105	193.4	19.4	3	32.6	704	16	
DAIRYLAND	DS-4329AM	AM,B	105	193.4	20.7	1	32.3	698	18	
SPECIALTY	36A537	STX,B	106	193.4	22.5	1	32.6	689	24	
WYCKOFF	2585SSRIB	STX,B	108	192.3	20.3	2	32.6	696	19	
PARTNERS BRAND	PB 7552-SS GC	STX,B	105	189.3	18.8	1	32.6	692	23	
FS INVISION	FS 55RL1 EZR	3220,B	105	187.7	20.5	3	32.3	678	26	
EBBERTS	6138VT2PRIB	VT2P,B	108	187.5	21.1	2	32.9	674	28	
RENK	RK763VT2P	VT2P,B	108	187.0	20.2	1	32.6	677	27	
RENK	RK779SSTX	STX,B	108	186.6	22.2	2	32.3	666	31	
GOLDEN HARVEST	G03R40-3110	3110	103	186.2	18.9	3	32.6	680	25	
WYCKOFF	2500SSRIB	STX,B	106	185.0	19.4	1	32.9	673	29	
AUGUSTA	A4958	3120,B	107	184.9	19.8	1	32.9	671	30	
PIONEER	P0825AM CK	AM,B	108	194.3	22.0	1	32.6	695	21	
				Averages =	192.4	20.8	2	32.7	694	
				LSD (0.10) =	11.1	1.1	2			
				LSD (0.25) =	5.8	0.6	1			
				C.V. =	6.3					

Matt Turner

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mattturner1979@yahoo.com, (317) 606-9040

Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.75

Report Date: 10/08/2019

Revised:10/11/2019

Additional reports available at www.firstseedtests.com

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

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

Full-Season Test	109 - 112 Day CRM B2019INNO01b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / Metribuzin, Dicamba
SOIL DESCRIPTION:	Elston sandy loam , well drained
SOIL CONDITION:	Conventional W/ Fall Till, very high P, very high K, 6.2 pH, 3.3% OM, 11.7 CEC
PEST MANAGEMENT:	Force, Balance Flex, Bicep 2 Mag
FERTILITY - Applied N:	25.0 Fall, 60 Spring, 8 Planter, 90 Sidedress
Applied N-P-K (units):	183-28-120
SEEDED - RATE - ROW:	May 15 33.5 /A 30" spacing
HARVESTED - STAND:	Oct 6 32.9 /A

TEST COMMENTS:

This site is a good example of fertile dryland in North Central Indiana. The site was planted in mid May under good conditions, and with plenty of early moisture had good emergence and early vigor. Weather did cause some stress later in the season when the moisture began to run out and heat went up. Plot was still standing well at harvest, but stalk quality was beginning to deteriorate.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PURPLE RIBBON	20R11VT2P	VT2P	111	213.2	24.5	1	32.9	749	1
WYCKOFF	2679DGV2PRIB	VT2P,DG	112	212.2	25.2	1	33.3	742	2
RUPP	XR D10-16	VT2P,B	110	206.5	22.6	4	33.6	735	3
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	203.0	25.1	5	33.6	710	7
GREAT HEART	HT-7026SS	STX,B	110	202.8	24.8	3	32.9	711	5
FS INVISION	FS 60UV1 RIB	VT2P,B	110	202.5	22.7	2	33.3	720	4
RUPP	XR D12-49	VT2P,B	112	201.5	23.9	3	33.6	711	6
EBBERTS	6121VT2PRIB	VT2P,B	111	199.1	27.3	3	31.9	686	11
EBBERTS	6552VT2PRIB	VT2P,B	112	196.4	23.5	2	32.9	695	8
WYCKOFF	2669SSRIB	STX,B	112	195.9	25.3	7	32.3	684	14
FS INVISION	FS 6194V RIB	VT2P,B	111	195.8	23.6	1	32.6	692	9
DEKALB	DKC61-54RIB GC	STX,B	111	194.3	25.8	1	32.6	676	15
PURPLE RIBBON	20A11VT2P	VT2P	111	193.9	23.5	2	33.3	686	12
DAIRYLAND	DS-9412RA	STX,B	112	192.5	27.8	3	32.3	661	20
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109	191.9	22.3	3	33.6	684	13
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	191.4	21.1	3	33.6	688	10
WYCKOFF	2644VT2P	VT2P	110	188.5	22.4	2	32.9	672	16
WYCKOFF	2668VT2PRIB	VT2P,B	111	187.8	23.2	3	33.9	666	17
SPECIALTY	40D148	VT2P,B	110	187.5	23.6	5	32.9	663	19
EBBERTS	6910VT2P	VT2P,B	110	187.5	24.7	2	32.6	658	21
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	187.2	23.1	2	32.9	664	18
SPECIALTY	42A458	STX,B	112	186.8	26.6	4	32.6	646	29
PIONEER	P1197AM GC	AM,B	111	186.7	25.2	1	32.9	652	25
GOLDEN HARVEST	G12U17-3010	3010	112	185.9	24.4	5	32.9	653	24
WYCKOFF	2665DGV2PRIB	VT2P,B	112	185.0	25.6	5	32.9	645	31
DAIRYLAND	DS-5018AM	AM,B	110	184.3	23.0	3	32.6	654	22
AUGUSTA	A6162	3220,B	112	183.1	23.6	1	32.9	647	27
AUGUSTA	A1059	3110	109	183.1	23.6	1	32.9	647	26
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109	182.8	23.4	2	32.9	647	28
FS INVISION	FS 59VL1 EZR	3220,B	109	180.3	22.0	2	32.6	645	30
PIONEER	P0825AM CK	AM,B	108	183.7	22.6	1	32.6	654	23
				Averages =	188.7	24.1	2	32.9	665
				LSD (0.10) =	9.5	1.0	3		
				LSD (0.25) =	5.0	0.5	1		
				C.V. =	5.5				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.75

2019 Corn - Indiana North [INNO]



Early-Season Test Products (40 Total)

Company/Brand	Brand/Product	Technology	RM
AUGUSTA	A1059 GC	3110	109
AUGUSTA	A2856	3220,B	105
AUGUSTA	A4759	3111	108
AUGUSTA	A4858	3010,B	108
AUGUSTA	A4958	3120,B	107
DAIRYLAND	DS-4310AM	AM	103
DAIRYLAND	DS-4329AM	AM,B	105
DAIRYLAND	DS-4440AM	AM,B	104
DAIRYLAND	DS-4580AM	AM	105
DAIRYLAND	DS-4840AM	AM,B	108
EBBERTS	6138VT2PRIB	VT2P,B	108
EBBERTS	6899VT2PRIB	VT2P,B	108
EBBERTS	9356SSXRIB	STX,B	106
FS INVISION	FS 53ZX1 RIB	STX,B	103
FS INVISION	FS 5594V RIB	VT2P,B	105
FS INVISION	FS 55RL1 EZR	3220,B	105
FS INVISION	FS 57ZV1 RIB	VT2P,B	107
FS INVISION	FS 58RL1 EZR	3220,B	108
GOLDEN HARVEST	G03R40-3110	3110	103
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108
GREAT HEART	HT-6843VT2P	VT2P,B	108
NK BRAND	NK0440-3122-EZR	3122,B	104
NK BRAND	NK0624-3220-EZR	3220,B	106
NK BRAND	NK0886-3120-EZR	3120,B	108
PARTNERS BRAND	PB 7552-SS GC	STX,B	105
PARTNERS BRAND	PB 7977-VT2P GC	VT2P,B	108
PIONEER	P0825AM CK	AM,B	108
RENK	RK763VT2P	VT2P,B	108
RENK	RK779SSTX	STX,B	108
RUPP	XR D03-07	VT2P,B	103
RUPP	XR D06-53	VT2P,B	106
RUPP	XR D07-72	VT2P,B	107
SPECIALTY	36A537	STX,B	106
SPECIALTY	38A388	STX,B	108
WYCKOFF	2433SSRIB	STX,B	106

Company/Brand	Brand/Product	Technology	RM
WYCKOFF	2500SSRIB	STX,B	106
WYCKOFF	2583TRERIB	TRE,B	108
WYCKOFF	2585SSRIB	STX,B	108
WYCKOFF	2633VT2PRIB	VT2P,B	108

2019 Corn - Indiana North [INNO]

Full-Season Test Products (40 Total)

Company/Brand	Brand/Product	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A6162	3220,B	112
DAIRYLAND	DS-4910AML	AML	109
DAIRYLAND	DS-5018AM	AM,B	110
DAIRYLAND	DS-5319AM	AM,B	112
DAIRYLAND	DS-7909RA	PC,B	109
DAIRYLAND	DS-9412RA	STX,B	112
DEKALB	DKC61-54RIB GC	STX,B	111
EBBERTS	6121VT2PRIB	VT2P,B	111
EBBERTS	6552VT2PRIB	VT2P,B	112
EBBERTS	6910VT2P	VT2P,B	110
FS INVISION	FS 59VL1 EZR	3220,B	109
FS INVISION	FS 60UV1 RIB	VT2P,B	110
FS INVISION	FS 6194V RIB	VT2P,B	111
FS INVISION	FS 6299L2 EZR	3220,B	112
FS INVISION	FS 62ZV1 RIB	VT2P,B	112
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109
GOLDEN HARVEST	G12U17-3010	3010	112
GREAT HEART	HT-7003SS	STX,B	110
GREAT HEART	HT-7026SS	STX,B	110
NK BRAND	NK0962-3220A-EZR	3220,A,B	109
NK BRAND	NK1082-3330A-EZR	3330,A,B	110
NK BRAND	NK1205-3120-EZR	3120,B	112
PIONEER	P0825AM CK	AM,B	108
PIONEER	P1197AM GC	AM,B	111
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109
PURPLE RIBBON	20A11VT2P	VT2P	111
PURPLE RIBBON	20R11VT2P	VT2P	111
RENK	RK842SSTX	STX,B	112
RUPP	XR D09-42	VT2P,B	109
RUPP	XR D10-16	VT2P,B	110
RUPP	XR D12-49	VT2P,B	112
SPECIALTY	40D148	VT2P,B	110
SPECIALTY	42A458	STX,B	112
WYCKOFF	2644VT2P	VT2P	110

Company/Brand	Brand/Product	Technology	RM
WYCKOFF	2665DGVT2PRIB	VT2P,B	112
WYCKOFF	2668VT2PRIB	VT2P,B	111
WYCKOFF	2669SSRIB	STX,B	112
WYCKOFF	2679DGVT2PRIB	VT2P,DG	112

Footnotes and Abbreviations Descriptions

Brand Footnotes

[^] Innotech™ brand seed is distributed by Rob-See-Co, LLC. Power Plus® brand seed is distributed by Burrus. Innotech™ is a trademark 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*

3010	Agrisure® 3010 (CB,LL,GT)	AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	AQ	Optimum® AQUAMax®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Refuge blend product	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	CB	Agrisure® Corn Borer	PC	PowerCore™ (HX, VT2P)
3120	Agrisure® 3120 (CB,HX,LL,GT)	DG	Genuity® DroughtGard®	RR2	Roundup Ready® 2 Corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)	RW	Agrisure® Rootworm
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	GT	Agrisure® GT	STX	SmartStax® (VT3P,HXT,RR2,LL)
3330	Agrisure® Viptera® 3330 (Vip,CB,HX,LL,GT)	HX	Herculex® 1, contains LL	TRE	Genuity® Trecepta™
A	Agrisure® Artesian®	HXRW	Herculex® Rootworm, contains LL	VT2P	Genuity® VT Double PRO®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	HXT	Herculex® Xtra (HX,HXRW,LL)	VT3P	Genuity® VT Triple PRO®
AMT	Optimum® AcreMax®TRIssect (HX,RW,LL,RR2)	LL	LibertyLink®	YGCB	YieldGard® Corn Borer
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	None	conventional corn		

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