

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

2019 Corn Grain Top 30 Harvest Report

Indiana North [INNO] VALPARAISO, IN
Jeff Herrold, LaPorte County, IN 46391

Early-Season Test	103 - 108 Day CRM B2019INNO04a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Bourbon-Hanna sandy loam , well drained
SOIL CONDITION:	No-Till, very high P, medium K, 5.6 pH, 1.8% OM, 7.1 CEC
PEST MANAGEMENT:	Roundup, Dual 2 Mag, Atrazine, Status, Force, Stratego
FERTILITY - Applied N:	5 Spring, 21 Planter, 165 Sidedress
Applied N-P-K (units):	191-20-0
SEEDED - RATE - ROW:	May 15 33.9 /A 30" spacing
HARVESTED - STAND:	Oct 4 32.9 /A

TEST COMMENTS:

This site has excellent uniformity with good drainage and fertility that helped this plot with consistency during a difficult growing season. Plot was still standing very well at harvest with strong stalks and good roots. Despite all the early rain, the plot showed great emergence and early vigor. I think maturity and pollinating date had a lot of impact with results at this location.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
DAIRYLAND	DS-4310AM	AM	103	193.3	21.8	1	32.6	692	1
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	193.1	25.4	1	33.3	674	6
WYCKOFF	2633VT2PRIB	VT2P,B	108	191.6	21.9	1	32.6	686	3
EBBERTS	6899VT2PRIB	VT2P,B	108	190.5	21.6	2	32.9	683	4
NK BRAND	NK0886-3120-EZR	3120,B	108	190.2	22.5	1	32.9	678	5
AUGUSTA	A4858	3010,B	108	188.2	22.4	1	33.3	671	8
FS INVISION	FS 55RL1 EZR	3220,B	105	187.9	21.8	1	32.3	673	7
RENK	RK763VT2P	VT2P,B	108	186.2	22.2	1	33.3	665	9
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	183.9	22.1	1	33.9	657	10
AUGUSTA	A4958	3120,B	107	183.1	22.4	1	32.6	653	12
DAIRYLAND	DS-4440AM	AM,B	104	181.6	20.5	1	32.9	656	11
GOLDEN HARVEST	G03R40-3110	3110	103	181.4	20.8	1	32.3	653	13
NK BRAND	NK0624-3220-EZR	3220,B	106	180.7	21.8	1	33.3	647	14
RUPP	XR D07-72	VT2P,B	107	179.2	21.3	1	33.6	644	15
SPECIALTY	36A537	STX,B	106	179.2	22.1	1	33.3	640	18
GREAT HEART	HT-6843VT2P	VT2P,B	108	179.1	24.0	2	32.9	631	21
SPECIALTY	38A388	STX,B	108	178.9	21.7	2	32.9	641	17
FS INVISION	FS 5594V RIB	VT2P,B	105	178.1	21.1	1	33.3	641	16
AUGUSTA	A4759	3111	108	178.0	23.8	1	32.6	628	23
EBBERTS	6138VT2PRIB	VT2P,B	108	177.8	22.8	1	33.3	632	19
AUGUSTA	A2856	3220,B	105	176.6	22.5	1	32.9	629	22
AUGUSTA	A1059 GC	3110	109	176.0	25.7	1	33.6	613	29
DAIRYLAND	DS-4329AM	AM,B	105	175.2	22.8	1	32.9	623	25
FS INVISION	FS 58RL1 EZR	3220,B	108	175.0	25.1	1	33.3	612	30
PARTNERS BRAND	PB 7977-VT2P GC	VT2P,B	108	174.0	23.5	1	32.6	615	28
RUPP	XR D03-07	VT2P,B	103	173.9	19.7	1	33.3	632	20
WYCKOFF	2585SSRIB	STX,B	108	173.7	22.2	1	32.9	620	26
WYCKOFF	2500SSRIB	STX,B	106	173.5	21.1	1	32.6	624	24
RUPP	XR D06-53	VT2P,B	106	171.9	20.9	1	32.3	619	27
WYCKOFF	2433SSRIB	STX,B	106	170.6	22.0	1	33.6	610	31
PIONEER	P0825AM CK	AM,B	108	193.3	22.5	1	32.6	689	2
				Averages =	177.5	22.3	1	32.9	633
				LSD (0.10) =	8.5	0.6	0		
				LSD (0.25) =	4.4	0.3	0		
				C.V. =	5.2				

Matt Turner

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Yield & Income Factors:

Base Moisture = 15.0%

Shrink = 1.3

Drying = \$0.025

Prices: GMO = \$3.75

Report Date: 10/07/2019

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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Indiana North [INNO] VALPARAISO, IN
Jeff Herrold, LaPorte County, IN 46391

Full-Season Test	109 - 112 Day CRM B2019INNO04b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Bourbon-Hanna sandy loam , well drained
SOIL CONDITION:	No-Till, very high P, medium K, 5.6 pH, 1.8% OM, 7.1 CEC
PEST MANAGEMENT:	Roundup, Dual 2 Mag, Atrazine, Status, Force, Stratego
FERTILITY - Applied N:	5 Spring, 21 Planter, 165 Sidedress
Applied N-P-K (units):	191-20-0
SEEDING - RATE - ROW:	May 15 33.9 /A 30" spacing
HARVESTED - STAND:	Oct 4 33.0 /A

TEST COMMENTS:

This site has excellent uniformity with good drainage and fertility that helped this plot with consistency during a difficult growing season. Plot was still standing very well at harvest with strong stalks and good roots. Despite all the early rain, the plot showed great emergence and early vigor. I think maturity and pollinating date had a lot of impact with results at this location.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS INVISON	FS 60UV1 RIB	VT2P,B	110	190.1	21.9	1	32.6	680	1
FS INVISON	FS 6194V RIB	VT2P,B	111	189.7	22.3	3	33.6	677	2
WYCKOFF	2665DGVT2PRIB	VT2P,B	112	188.9	24.4	1	33.6	664	5
WYCKOFF	2668VT2PRIB	VT2P,B	111	187.5	23.1	1	33.3	665	4
PURPLE RIBBON	20R11VT2P	VT2P	111	185.5	23.4	1	33.6	657	6
GREAT HEART	HT-7003SS	STX,B	110	181.4	23.2	3	33.3	643	8
DAIRYLAND	DS-7909RA	PC,B	109	180.6	22.6	2	33.6	643	7
FS INVISON	FS 62ZV1 RIB	VT2P,B	112	180.0	24.7	1	32.9	631	11
SPECIALTY	42A458	STX,B	112	179.4	23.7	2	33.3	634	10
WYCKOFF	2679DGVT2PRIB	VT2P,DG	112	179.4	26.2	1	32.9	622	20
AUGUSTA	A1059	3110	109	179.2	25.4	1	33.3	625	15
WYCKOFF	2644VT2P	VT2P	110	179.1	22.6	2	33.3	638	9
RUPP	XR D12-49	VT2P,B	112	179.0	25.2	2	33.3	625	18
FS INVISON	FS 59VL1 EZR	3220,B	109	178.9	25.1	1	32.9	626	14
EBBERTS	6121VT2PRIB	VT2P,B	111	177.8	24.7	1	33.3	624	19
FS INVISON	FS 6299L2 EZR	3220,B	112	177.6	25.5	1	32.6	619	23
SPECIALTY	40D148	VT2P,B	110	177.3	23.0	2	33.3	630	12
EBBERTS	6552VT2PRIB	VT2P,B	112	177.1	23.9	1	33.6	625	16
AUGUSTA	A6162	3220,B	112	176.7	25.6	1	33.3	616	24
RUPP	XR D09-42	VT2P,B	109	176.3	22.7	1	32.9	627	13
WYCKOFF	2669SSRIB	STX,B	112	176.2	25.5	1	32.9	615	26
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109	175.9	23.8	2	32.6	621	21
RUPP	XR D10-16	VT2P,B	110	175.4	22.5	1	33.3	625	17
NK BRAND	NK0962-3220A-EZR	3220,A,B	109	175.1	23.5	4	32.3	620	22
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	173.2	26.1	1	32.9	601	28
EBBERTS	6910VT2P	VT2P,B	110	173.0	22.8	1	32.6	615	25
GREAT HEART	HT-7026SS	STX,B	110	172.4	26.1	1	33.3	599	29
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109	170.5	23.4	1	32.9	603	27
RENK	RK842SSTX	STX,B	112	170.3	25.2	1	32.6	595	31
PURPLE RIBBON	20A11VT2P	VT2P	111	167.8	23.1	1	33.3	595	30
PIONEER	P0825AM CK	AM,B	108	188.5	23.8	1	32.6	665	3
				Averages =	175.3	24.1	1	33.0	617
				LSD (0.10) =	9.7	0.8	1		
				LSD (0.25) =	5.1	0.4	1		
				C.V. =	6.1				

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

Report Date: 10/07/2019

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† 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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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.