

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

2019 Corn Grain Top 30 Harvest Report

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

Early-Season Test	103 - 108 Day CRM B2019INNO03a
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Riddles-Oshtemo sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, high K, 5.6 pH, 1.9% OM, 7.3 CEC
PEST MANAGEMENT:	Corvus, Laudis, Atrazine, Roundup, Ethos, Force
FERTILITY - Applied N:	7.0 Fall, 14 Planter, 150 Sidedress
Applied N-P-K (units):	171-18-120
SEEDED - RATE - ROW:	Jun 3 33.5 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.7 /A

TEST COMMENTS:

This was a no-till site that planted later than usual due to weather delays. Corn emerged well and had good early season water to provide a good start. Location had enough water through summer to produce healthy stalks with good ears. Corn was standing well at harvest but some lodging was beginning to appear in plots. Some variability was present in reps due to weather and soils.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
EBBERTS	6138VT2PRIB	VT2P,B	108	228.1	23.1	2	32.3	752	1
WYCKOFF	2585SSRIB	STX,B	108	220.8	24.2	1	32.6	722	2
GREAT HEART	HT-6843VT2P	VT2P,B	108	214.1	22.1	1	31.9	711	4
WYCKOFF	2633VT2PRIB	VT2P,B	108	211.3	24.1	1	32.6	691	7
NK BRAND	NK0886-3120-EZR	3120,B	108	210.2	23.3	1	33.3	692	6
DAIRYLAND	DS-4440AM	AM,B	104	209.9	19.2	1	32.6	713	3
GOLDEN HARVEST	G08R52-3220-EZR	3220,B	108	208.2	25.2	1	32.6	676	12
AUGUSTA	A4759	3111	108	207.7	23.4	1	32.9	684	8
RENK	RK763VT2P	VT2P,B	108	204.2	21.5	1	32.9	682	9
DAIRYLAND	DS-4329AM	AM,B	105	203.2	21.3	3	32.6	679	10
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	202.8	21.5	1	32.3	677	11
AUGUSTA	A1059 GC	3110	109	202.8	24.3	1	32.6	663	15
RUPP	XR D06-53	VT2P,B	106	199.9	21.8	1	33.3	666	13
SPECIALTY	36A537	STX,B	106	199.8	21.9	1	32.6	665	14
WYCKOFF	2583TRERIB	TRE,B	108	198.8	23.4	1	32.6	654	18
EBBERTS	6899VT2PRIB	VT2P,B	108	198.2	21.6	3	32.9	661	16
SPECIALTY	38A388	STX,B	108	196.1	22.4	1	33.6	650	20
RENK	RK779SSTX	STX,B	108	195.2	24.0	1	32.6	640	26
AUGUSTA	A4858	3010,B	108	194.5	22.8	2	32.2	643	22
RUPP	XR D07-72	VT2P,B	107	194.4	19.5	1	32.6	659	17
NK BRAND	NK0624-3220-EZR	3220,B	106	194.3	20.8	3	32.6	651	19
DAIRYLAND	DS-4840AM	AM,B	108	193.7	24.0	4	32.6	634	27
FS INVISON	FS 55RL1 EZR	3220,B	105	193.6	20.9	1	32.3	649	21
FS INVISON	FS 57ZV1 RIB	VT2P,B	107	190.9	20.7	1	32.6	641	25
WYCKOFF	2500SSRIB	STX,B	106	189.8	19.7	1	33.3	642	23
AUGUSTA	A4958	3120,B	107	188.9	20.7	1	32.9	634	28
RUPP	XR D03-07	VT2P,B	103	187.6	18.2	1	32.9	642	24
DAIRYLAND	DS-4310AM	AM	103	187.5	20.9	1	32.9	629	30
FS INVISON	FS 53ZX1 RIB	STX,B	103	187.2	19.9	1	33.3	632	29
DAIRYLAND	DS-4580AM	AM	105	185.1	19.1	1	32.3	629	31
PIONEER	P0825AM CK	AM,B	108	208.5	22.0	2	31.9	693	5
				Averages =	196.2	21.6	1	32.7	654
				LSD (0.10) =	9.8	0.7	1		
				LSD (0.25) =	5.1	0.4	1		
				C.V. =	5.5				

Matt Turner

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$3.50

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Full-Season Test	109 - 112 Day CRM B2019INNO03b
Top 30 of 40	For Gross Income (Sorted by Yield) Average of (3) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Riddles-Oshtemo sandy loam, mod. well drained, non-irrigated
SOIL CONDITION:	No-Till, high P, high K, 5.6 pH, 1.9% OM, 7.3 CEC
PEST MANAGEMENT:	Corvus, Laudis, Atrazine, Roundup, Ethos, Force
FERTILITY - Applied N:	7.0 Fall, 14 Planter, 150 Sidedress
Applied N-P-K (units):	171-18-120
SEEDED - RATE - ROW:	Jun 3 33.5 /A 30" spacing
HARVESTED - STAND:	Oct 23 32.5 /A

TEST COMMENTS:

This was a no-till site that planted later than usual due to weather delays. Corn emerged well and had good early season water to provide a good start. Location had enough water through summer to produce healthy stalks with good ears. Corn was standing well at harvest but some lodging was beginning to appear in plots. Some variability was present in reps due to weather and soils.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
PURPLE RIBBON	19R09VT2PRIB	VT2P,B	109	219.5	23.1	1	33.0	724	1
AUGUSTA	A1059	3110	109	216.3	24.5	1	33.5	705	2
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	215.2	25.9	3	32.1	694	4
WYCKOFF	2679DGVT2PRIB	VT2P,DG	112	213.6	25.3	1	32.6	693	5
WYCKOFF	2665DGVT2PRIB	VT2P,B	112	212.9	26.1	1	32.6	686	6
RUPP	XR D09-42	VT2P,B	109	210.6	25.1	1	31.7	684	7
FS INVISION	FS 59VL1 EZR	3220,B	109	210.5	22.8	5	32.6	696	3
AUGUSTA	A6162	3220,B	112	209.8	26.3	1	32.1	675	10
RUPP	XR D12-49	VT2P,B	112	207.6	25.3	1	32.6	673	12
GREAT HEART	HT-7026SS	STX,B	110	207.3	25.0	1	32.6	674	11
PURPLE RIBBON	20R11VT2P	VT2P	111	207.2	24.5	1	33.0	676	9
DAIRYLAND	DS-5319AM	AM,B	112	207.2	25.6	1	32.6	670	15
WYCKOFF	2644VT2P	VT2P	110	205.8	23.5	5	31.2	677	8
DEKALB	DKC61-54RIB GC	STX,B	111	205.7	26.0	1	33.0	664	17
EBBERTS	6121VT2PRIB	VT2P,B	111	203.7	25.7	1	32.1	659	20
RUPP	XR D10-16	VT2P,B	110	203.4	22.8	1	32.6	672	13
GOLDEN HARVEST	G12U17-3010	3010	112	203.4	22.9	5	32.6	672	14
PIONEER	P1197AM GC	AM,B	111	200.2	23.2	1	32.6	660	18
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	199.8	22.0	4	32.6	665	16
DAIRYLAND	DS-7909RA	PC,B	109	199.7	22.9	1	33.0	660	19
DAIRYLAND	DS-5018AM	AM,B	110	199.3	22.8	2	33.0	659	21
WYCKOFF	2669SSRIB	STX,B	112	199.2	25.3	1	33.5	646	25
FS INVISION	FS 6194V RIB	VT2P,B	111	197.9	24.8	1	33.0	644	28
EBBERTS	6552VT2PRIB	VT2P,B	112	197.0	23.1	2	33.0	650	22
FS INVISION	FS 60UV1 RIB	VT2P,B	110	196.8	23.5	1	33.0	647	24
NK BRAND	NK1205-3120-EZR	3120,B	112	195.2	22.7	1	32.6	645	26
NK BRAND	NK0962-3220A-EZR	3220,A,B	109	194.6	22.5	5	31.2	645	27
SPECIALTY	40D148	VT2P,B	110	194.6	23.8	2	33.0	638	30
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109	194.2	22.8	5	31.7	642	29
SPECIALTY	42A458	STX,B	112	192.5	22.9	1	33.0	636	31
PIONEER	P0825AM CK	AM,B	108	195.8	22.6	1	32.6	648	23
				Averages =	200.0	24.2	2	32.5	654
				LSD (0.10) =	10.6	0.7	2		
				LSD (0.25) =	5.6	0.3	1		
				C.V. =	5.0				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$3.50

2019 Corn - Indiana North [INNO]

Early-Season Test Products (40 Total)

Company/Brand	Product/Brand	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	Product/Brand	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.