

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

2019 Corn Grain Top 30 Harvest Report

Ohio Northeast [OHNW] ARCHBOLD, OH
Rupp Seeds John King, Fulton County, OH 43567

Early-Season Test	103 - 108 Day CRM B2019OHNW15a
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Gilford sandy loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 5.9 pH, 2.3% OM, 8.0 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	165 Sidedress
Applied N-P-K (units):	165-0-0
SEEDED - RATE - ROW:	Jun 8 33.5 /A 30" spacing
HARVESTED - STAND:	Nov 4 32.4 /A

TEST COMMENTS:

This is a well drained, very fertile location that is highly productive and uniform. Due to the wet spring this site was planted later than usual, but went on to be a high yielding, high moisture plot because of summer rains and favorable mid- and late-season growing conditions. This site had some sporadic lodging at harvest. Plants were still very healthy looking and had some green in them at harvest. Due to wet conditions, only the early-season test was harvested on Nov. 4. The full-season test was harvested on Nov. 20.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
EBBERTS	6899VT2PRIB	VT2P,B	108	248.4	30.7	5	32.3	834	8
EBBERTS	6138VT2PRIB	VT2P,B	108	246.8	29.3	2	32.3	838	5
EBBERTS	9356SSXRIB	STX,B	106	245.9	26.6	2	32.6	851	2
FS INVISION	FS 5594V RIB	VT2P,B	105	243.8	24.7	2	32.3	855	1
PROHARVEST	6828SS	STX	107	241.9	24.9	1	32.3	847	3
PROHARVEST	6746SS	STX	106	241.9	27.3	2	32.9	833	9
DEKALB	DKC57-97RIB GC	STX,B	107	240.7	28.7	1	31.6	820	15
FS INVISION	FS 58RL1 EZR	3220,B	108	240.2	31.5	1	32.9	802	20
RUPP	XR D06-53	VT2P,B	106	239.2	26.3	5	32.3	829	12
FS INVISION	FS 57ZV1 RIB	VT2P,B	107	239.2	25.4	1	32.6	835	7
FS INVISION	FS 53ZX1 RIB	STX,B	103	239.2	25.7	2	32.6	833	10
LOCAL SEED CO	LC0297 SSX	STX	102	238.6	26.6	1	31.9	826	14
RUPP	XR D01-90	VT2P,B	101	237.9	23.6	1	32.2	841	4
RUPP	XR D07-72	VT2P,B	107	236.8	25.1	2	32.6	828	13
LOCAL SEED CO	LC0488 SSXRIB	STX,B	104	236.7	23.5	1	32.6	837	6
BUCKEYE HYBRIDS	RR8802VT2P	VT2P,B	108	235.1	26.7	3	32.3	813	16
RUPP	XR D03-07	VT2P,B	103	234.9	23.1	3	32.9	833	11
SEED CONSULTANTS	SCS 1087YHR	OI	108	233.8	29.5	7	32.9	792	26
SEED CONSULTANTS	SCS 10HR43	HX,RR2,B	104	231.4	25.5	2	31.9	807	17
FS INVISION	FS 55RL1 EZR	3220,B	105	231.3	29.4	2	31.9	784	29
AUGUSTA	A4858	3010,B	108	231.0	27.7	1	32.6	793	25
NK BRAND	NK0624-3220-EZR	3220,B	106	230.9	28.8	2	32.3	786	28
AUGUSTA	A2856	3220,B	105	229.8	28.6	9	32.3	784	30
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	229.6	26.1	4	32.6	798	23
AUGUSTA	A4958	3120,B	107	229.4	25.4	3	32.9	801	21
NK BRAND	NK0440-3122-EZR	3122,B	104	229.1	25.4	12	32.3	800	22
SEED CONSULTANTS	SCS 1069YHR	OI	106	225.8	26.3	28	32.3	783	31
GRO-MOR	GM56DP69 GC	VT2P,B	106	225.6	25.0	1	32.3	790	27
LOCAL SEED CO	ZS0398 3110	3110	103	225.4	22.4	6	32.2	803	18
GOLDEN HARVEST	G03R40-3110	3110	103	225.1	22.3	14	32.9	803	19
PIONEER	P0825AM CK	AM,B	108	230.4	27.2	6	31.6	794	24
				Averages =	233.2	26.5	5	32.4	808
				LSD (0.10) =	10.0	0.7	7		
				LSD (0.25) =	5.2	0.4	4		
				C.V. =	4.7				

Matt Turner

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

Report Date: 11/07/2019

Revised:11/22/2019 (add full-season test data, early-season test harvest 4NOV, full harvest 20NOV)

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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Full-Season Test	109 - 112 Day CRM B2019OHNW15b
Top 30 of 36	For Gross Income (Sorted by Yield) Average of (4) Replications
PREV. CROP/HERB:	Soybean / NA
SOIL DESCRIPTION:	Gilford sandy loam, moderately drained, non-irrigated
SOIL CONDITION:	Conventional W/O Fall Till, high P, medium K, 5.9 pH, 2.3% OM, 8.0 CEC
PEST MANAGEMENT:	Acuron, Force
FERTILITY - Applied N:	165 Sidedress
Applied N-P-K (units):	165-0-0
SEEDED - RATE - ROW:	Jun 8 33.5 /A 30" spacing
HARVESTED - STAND:	Nov 20 32.4 /A

TEST COMMENTS:

This is a well drained, very fertile location that is highly productive and uniform. Due to the wet spring this site was planted later than usual, but went on to be a high yielding, high moisture plot because of summer rains and favorable mid- and late-season growing conditions. This site had some sporadic lodging at harvest. Plants were still very healthy looking and had some green in them at harvest. Due to wet conditions, only the early-season test was harvested on Nov. 4. The full-season test was harvested on Nov. 20.

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
DYNA-GRO	D49VC70	VT2P	109	260.5	28.5	1	32.6	889	2	
LOCAL SEED CO	LC1196 VT2P	VT2P	111	255.2	31.1	1	31.9	854	7	
SEED CONSULTANTS	EX-SC 110YHR	OI	110	254.8	24.2	2	32.6	897	1	
FS INVISION	FS 6194V RIB	VT2P,B	111	252.6	32.2	1	32.6	839	12	
DYNA-GRO	D52VC15	VT2P	111	251.8	30.2	1	32.6	849	8	
RUPP	XR D10-16	VT2P,B	110	251.4	27.4	3	32.6	865	5	
AUGUSTA	A1059	3110	109	249.5	30.0	1	32.3	842	10	
EBBERTS	6910VT2P	VT2P,B	110	248.5	29.9	1	31.9	839	13	
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109	248.2	28.9	1	32.6	844	9	
NK BRAND	NK1082-3330A-EZR	3330,A,B	110	246.9	26.3	3	32.6	856	6	
PIONEER	P1197AM GC	AM,B	111	246.2	29.3	1	32.9	835	14	
PROHARVEST	8052SS	STX	109	244.7	27.4	2	32.9	842	11	
BUCKEYE HYBRIDS	RR9080VT2P	VT2P,B	110	244.3	30.0	1	32.3	825	17	
PROHARVEST	8324VT2P	VT2P	113	244.2	29.6	2	32.6	826	16	
SEED CONSULTANTS	SCS 1105AM	AM,B	109	242.8	22.4	2	31.9	866	4	
FS INVISION	FS 60UV1 RIB	VT2P,B	110	240.8	29.7	1	32.3	815	18	
BUCKEYE HYBRIDS	RR9191VT2P	VT2P	111	239.1	32.2	2	32.9	794	23	
BUCKEYE HYBRIDS	RR9187VT2P	VT2P	111	238.4	31.1	1	32.6	798	21	
FS INVISION	FS 59VL1 EZR	3220,B	109	238.2	25.0	3	32.6	834	15	
FS INVISION	FS 62ZV1 RIB	VT2P,B	112	237.8	32.3	2	32.6	789	26	
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112	237.4	30.8	2	32.6	797	22	
RUPP	XR D09-42	VT2P,B	109	237.3	28.0	1	30.5	812	19	
RUPP	XR D12-49	VT2P,B	112	237.2	31.6	1	32.6	791	25	
EBBERTS	6552VT2PRIB	VT2P,B	112	236.0	32.5	2	32.3	782	27	
LOCAL SEED CO	ZS1098 3330EZ	3330,B	110	235.7	33.1	1	32.9	777	30	
AUGUSTA	A4760	VT2P	109	234.9	27.6	7	31.6	807	20	
GOLDEN HARVEST	G09A86-3330-EZR	3330,B	109	234.0	31.7	1	32.3	780	29	
GOLDEN HARVEST	G09Y24-3220A-EZR	3220,A,B	109	232.7	28.9	3	32.9	792	24	
NK BRAND	NK0962-3220A-EZR	3220,A,B	109	230.0	29.3	2	32.3	781	28	
RUPP	XR D09-63	3220,A,B	109	228.7	29.3	3	32.3	776	31	
PIONEER	P0825AM CK	AM,B	108	247.9	23.7	1	31.6	876	3	
				Averages =	240.6	29.5	2	32.4	815	
				LSD (0.10) =	9.1	1.1	2			
				LSD (0.25) =	4.8	0.6	1			
				C.V. =	4.2					

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2019 Corn - Ohio Northeast [OHNW]

Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A2856	3220,B	105
AUGUSTA	A4858	3010,B	108
AUGUSTA	A4958	3120,B	107
BUCKEYE HYBRIDS	RR8802VT2P	VT2P,B	108
DEKALB	DKC57-97RIB GC	STX,B	107
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
GRO-MOR	GM56DP69 GC	VT2P,B	106
LOCAL SEED CO	LC0297 SSX	STX	102
LOCAL SEED CO	LC0488 SSXRIB	STX,B	104
LOCAL SEED CO	LC0657 SSXRIB	STX,B	106
LOCAL SEED CO	LC0877 VT2PRIB	VT2P,B	108
LOCAL SEED CO	ZS0398 3110	3110	103
NK BRAND	NK0440-3122-EZR	3122,B	104
NK BRAND	NK0624-3220-EZR	3220,B	106
NK BRAND	NK0886-3120-EZR	3120,B	108
PIONEER	P0825AM CK	AM,B	108
PROHARVEST	6746SS	STX	106
PROHARVEST	6828SS	STX	107
RUPP	XR D01-90	VT2P,B	101
RUPP	XR D03-07	VT2P,B	103
RUPP	XR D06-53	VT2P,B	106
RUPP	XR D07-72	VT2P,B	107
SEED CONSULTANTS	EX-SC 105YHR	OI	105
SEED CONSULTANTS	SCS 1069YHR	OI	106
SEED CONSULTANTS	SCS 1087YHR	OI	108
SEED CONSULTANTS	SCS 10HR43	HX,RR2,B	104

2019 Corn - Ohio Northeast [OHNW]

Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	A1059	3110	109
AUGUSTA	A4760	VT2P	109
BUCKEYE HYBRIDS	RR9080VT2P	VT2P,B	110
BUCKEYE HYBRIDS	RR9187VT2P	VT2P	111
BUCKEYE HYBRIDS	RR9191VT2P	VT2P	111
DYNA-GRO	D49VC70	VT2P	109
DYNA-GRO	D52VC15	VT2P	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
GRO-MOR	GM62G17 GC	GT	112
LOCAL SEED CO	LC0978 VT2PRIB	VT2P,B	109
LOCAL SEED CO	LC1196 VT2P	VT2P	111
LOCAL SEED CO	LC1289 VT2PRIB	VT2P,B	112
LOCAL SEED CO	ZS1098 3330EZ	3330,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
PROHARVEST	8052SS	STX	109
PROHARVEST	8324VT2P	VT2P	113
RUPP	XR D09-42	VT2P,B	109
RUPP	XR D09-63	3220,A,B	109
RUPP	XR D10-16	VT2P,B	110
RUPP	XR D12-49	VT2P,B	112
SEED CONSULTANTS	EX-SC 110YHR	OI	110
SEED CONSULTANTS	SCS 1105AM	AM,B	109

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® TRIsect (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.