

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

## 2020 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] MCCOMB, OH  
Lee Newcomer, Hancock County, OH 45858

<b>Early-Season Test</b>	103 - 108 Day CRM B2020OHNW07a
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (4) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	silty clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.8 pH, 4.2% OM, 21.7 CEC
<b>PEST MANAGEMENT:</b>	Surestart, Calisto, Roundup
<b>FERTILITY - Applied N:</b>	50 Fall, 145 Sidedress
<b>Applied N-P-K (units):</b>	195-160-12
<b>SEEDED - RATE - ROW:</b>	May 12 33.8 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 27.9 /A

### TEST COMMENTS:

*A well-worked seed bed and adequate soil moisture at planting lead to quick emergence over most of the test site, but early heavy rains reduced stands in areas slow to drain. Lack of summer rain continued to lower yield potential to black layer, resulting in above-average standability but modest yields generally. Due to high variance from water damage, data from the early-season test was rejected and one replicate was removed from the full-season test.*

Company/Brand	Product/Brand	Yield 1	Stk	Yield Stk 1	Moisture %	lodging %	Stand in 2020	Gross Income \$/acre	Rank
WYCKOFF	2000 VTOP RB	VTOPB	108	178.8	21.5	5	28.5	587	1
MR BRAND	MR2000-2111	2111	107	182.4	20.0	5	32.8	548	2
WYCKOFF	2000 55 RB	57A.B	108	188.4	20.5	7	31.3	539	3
WYCKOFF	2000 55 RB	57A.B	104	186.2	19.4	8	29.9	530	4
EMBERTS	6180VTOPRB	VTOPB	108	181.7	19.6	7	31.4	514	5
RUPP	MR 2000-07	VTOPB	105	181.2	19.2	8	29.1	492	6
SEED CONSULTANTS	SCS107PHB	48A.B	107	179.5	21.5	7	31.3	481	8
INTEGRA	5710 VTOPRB	VTOPB	107	179.5	19.1	7	31.3	480	7
SEED CONSULTANTS	SCS 108PHB	01	107	179.4	21.4	7	31.2	472	9
PIONEER	PO7040B 02	48A.B	107	174	21.2	7	29.9	459	10
AUGUSTA	4888	57A.B	107	174	19.6	7	31.6	453	11
FS INVISION	FS 5704V RB	57A.B	107	174	20.5	5	31.8	449	12
RUPP	MR 2000-05	57A.B	107	169.8	19.4	7	28.1	443	13
AUGUSTA	4888-212	57A.B	107	169.8	19.8	7	28.1	440	15
FS INVISION	FS 5800 1 02	502A.B	107	169.8	21.3	7	30.2	439	16
LOCAL SEED	LOCAL VTOPB	VTOPB	107	169.2	19.0	8	31.6	443	14
LOCAL SEED	LOCAL T0RB	VTOPB	107	169.8	20.1	5	29.9	428	17
GOLDEN HARVEST	5800B-211A	211A	104	169.0	20.1	5	28.5	422	18
WYCKOFF	2000 70 RB	VTOPB	108	164.0	19.7	5	31.2	419	20
EMBERTS	6040VTOPRB	VTOPB	104	155.5	19.2	7	24.4	422	19
WYCKOFF	2000 70 RB	VTOPB	108	152.2	20.3	10	27.8	412	21
SEED CONSULTANTS	SCS 108PHB	01	106	150.4	20.2	10	32.7	406	22
LOCAL SEED	LOCAL VTOPB	57A.B	102	149.8	19.1	8	28.8	404	23
GOLDEN HARVEST	5800B-212A-02B	212A.B	108	137.0	19.7	11	23.4	396	24
EMBERTS	6040VTOPRB	VTOPB	108	146.3	20.6	8	30.6	391	26
EMBERTS	6040VTOP RB	VTOPB	108	115.8	19.5	7	25.8	380	25
FS INVISION	FS 5800 1 02B	502A.B	105	113.4	19.5	8	27.8	387	27
INTEGRA	5801 5100-02	5100A.B	105	113.1	20.2	8	28.5	381	28
FS INVISION	FS 5704V RB	VTOPB	107	112.0	19.2	7	31.6	380	30
RUPP	MR 2000-06	VTOPB	101	111.0	19.3	8	28.8	379	31
<b>Averages</b>			<b>108</b>	<b>174.2</b>	<b>20.3</b>	<b>7</b>	<b>31.3</b>	<b>422</b>	<b>19</b>

REJECTED

*Matt Turner*

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Averages =	<b>125.2</b>	<b>19.8</b>	<b>7</b>	<b>27.9</b>	<b>422</b>
LSD (0.10) =	23.8	1.0	ns		
LSD (0.25) =	12.5	0.5	ns		
C.V. =	20.8			Historic yield: 187.1 bu/a, 7 yr(s)	

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$4.00

Report Date: 11/05/2020

Additional reports available at [www.firstseedtests.com](http://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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## 2020 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] MCOMB, OH

Lee Newcomer, Hancock County, OH 45858

<b>Full-Season Test</b>	109 - 112 Day CRM B2020OHNW07b
<b>Top 30 of 40</b>	For Gross Income (Sorted by Yield) Average of (3) Replications
<b>PREV. CROP/HERB:</b>	Soybean / NA
<b>SOIL DESCRIPTION:</b>	silty clay loam, moderately drained, non-irrigated
<b>SOIL CONDITION:</b>	Conventional W/ Fall Till, very high P, medium K, 5.8 pH, 4.2% OM, 21.7 CEC
<b>PEST MANAGEMENT:</b>	Surestart, Calisto, Roundup
<b>FERTILITY - Applied N:</b>	50 Fall, 145 Sidedress
<b>Applied N-P-K (units):</b>	195-160-12
<b>SEEDED - RATE - ROW:</b>	May 12 33.8 /A 30" spacing
<b>HARVESTED - STAND:</b>	Nov 3 30.1 /A

### TEST COMMENTS:

*A well-worked seed bed and adequate soil moisture at planting lead to quick emergence over most of the test site, but early heavy rains reduced stands in areas slow to drain. Lack of summer rain continued to lower yield potential to black layer, resulting in above-average standability but modest yields generally. Due to high variance from water damage, data from the early-season test was rejected and one replicate was removed from the full-season test.*

Company/Brand	Product/Brand	Technol.†	RM	Yield Bu/A ↓	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank	
WYCKOFF	2679 DGVT2PRIB	VT2PDG,B	112	<b>176.9</b>	21.4	6	30.3	591	1	
SEED CONSULTANTS	SCS1111Q	QR,B	111	<b>174.9</b>	22.7	4	31.2	579	2	
FS INVISION	FS 6106X RIB	STX,B	111	<b>169.4</b>	23.7	6	32.6	556	5	
LOCAL SEED	LC1207 TCRIB	TRE,B	111	<b>169.2</b>	19.9	6	29.9	571	3	
PIONEER	P1197AM GC	AM,B	111	<b>166.1</b>	20.8	6	33.0	557	4	
WYCKOFF	2669 SS RIB	STX,B	111	<b>163.8</b>	22.1	6	31.7	544	6	
RUPP	XR D12-49	VT2P,B	112	158.4	22.8	4	32.6	524	10	
SEED CONSULTANTS	SCS1121AM	AM,B	112	157.6	19.7	6	29.4	533	7	
EBBERTS	6121VT2PRIB	VT2P,B	111	157.4	21.5	6	29.9	525	9	
FS INVISION	FS 6107T RIB	TRE,B	111	157.0	20.1	6	29.9	529	8	
FS INVISION	FS 6194V RIB	VT2P,B	111	151.8	20.4	4	31.7	511	11	
WYCKOFF	2667 DGVT2P RIB	VT2PDG,B	111	146.6	22.7	4	31.7	485	16	
EBBERTS	6883VT2PDG	VT2PDG,B	113	145.0	20.2	10	32.1	489	13	
FS INVISION	FS 5909D2A EZR	5222A,B	109	144.4	19.2	13	30.3	490	12	
INTEGRA	6284 VT2PRIB	VT2P,B	112	143.4	24.0	4	29.0	470	20	
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	142.5	18.4	4	31.7	487	15	
EBBERTS	6550VT2P RIB	VT2P,B	110	141.6	20.5	4	29.4	476	18	
RUPP	XR D10-16	VT2P,B	110	140.7	20.3	6	31.7	474	19	
NK BRAND	NK1188-5122-EZR	5122,B	111	140.2	19.0	7	31.2	477	17	
LOCAL SEED	LC1108 TCRIB	TRE,B	111	137.9	21.7	4	31.2	460	21	
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	134.1	23.2	4	29.9	442	24	
EBBERTS	6552VT2PRIB	VT2P,B	112	133.9	21.2	7	33.0	448	23	
AUGUSTA	1259	3330,B	109	132.8	19.0	7	31.2	452	22	
INTEGRA	5939 STXRIB	STX,B	109	131.0	22.0	6	29.9	435	25	
WYCKOFF	2646 SS RIB	STX,B	112	129.4	20.4	6	31.7	435	26	
EBBERTS	6910VT2P RIB	VT2P,B	110	128.7	22.5	4	27.1	426	30	
DYNA-GRO	D49VC70	VT2P	109	126.9	20.0	6	27.1	428	28	
AUGUSTA	1060	3330	109	126.5	20.7	6	32.6	425	31	
SEED CONSULTANTS	SCS1091AM	AM,B	109	126.2	19.3	6	32.1	428	29	
RUPP	XR D09-42	VT2P,B	109	126.0	18.8	6	29.0	429	27	
PIONEER	P0825AM CK	AM,B	108	143.3	18.6	4	31.7	489	14	
				Averages =	<b>139.1</b>	<b>20.7</b>	<b>6</b>	<b>30.1</b>	<b>467</b>	
				LSD (0.10) =	24.4	1.5	ns			
				LSD (0.25) =	12.8	0.8	ns			
				C.V. =	16.6					
				Historic yield: 187.1 bu/a, 7 yr(s)						

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**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.50; non-GMO = \$4.00

Report Date: 11/05/2020

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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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2020 Corn - Ohio Northwest [ OHNW ]



**Early-Season Test Products (40 Total)**

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	2856	3220,B	106	AVC,C2
AUGUSTA	3053	5222,B	103	AVC,C1
AUGUSTA	4958-3120	3120,B	108	CM,C2
EBBERTS	6138VT2PRIB	VT2P,B	108	AC 250,In
EBBERTS	6416VT2P RIB	VT2P,B	106	AC 250,In
EBBERTS	6504VT2P RIB	VT2P,B	104	AC 250,In
EBBERTS	6899VT2PRIB	VT2P,B	108	AC 250,In
EBBERTS	9626SSX RIB	STX,B	106	AC 250,In
FS INVISION	FS 55RL1 EZR	3220,B	105	AC,P2
FS INVISION	FS 5704V RIB	VT2P,B	107	AC,P5V
FS INVISION	FS 5704X RIB	STX,B	107	AC,P5V
FS INVISION	FS 5892V RIB	VT2P,B	108	AC,P5V
FS INVISION	FS 58RL1 EZR	3220,B	108	AC,P2
GOLDEN HARVEST	G04G36-3111A	3111A	104	AVC,C2,Vi
GOLDEN HARVEST	G08M20-3120-EZR	3120,B	108	AVC,C5,Vi
INTEGRA	5280 VT2PRIB	VT2P,B	102	AC,P2,St,SU
INTEGRA	5351 5122-EZ	5122,B	103	AVC,C2,Vi,St,SU
INTEGRA	5529 VT2PRIB	VT2P,B	105	AC,P2,St,SU
INTEGRA	5719 VT2PRIB	VT2P,B	107	AC,P2,St,SU
LOCAL SEED	LC0297 SSXRIB	STX,B	102	RA
LOCAL SEED	LC0488 VT2PRIB	VT2P,B	104	RA
LOCAL SEED	LC0607 TCRIB	TRE,B	106	RA
NK BRAND	NK0472-5222-EZR	5222,B	104	AVC,C2,Vi
NK BRAND	NK0760-3111	3111	107	AVC,C2,Vi
NK BRAND	NK0886-3120-EZR	3120,B	108	AVC,C5,Vi
PIONEER	P0574AM GC	AM,AQ,B	105	P1V,Lu
PIONEER	P0825AM CK	AM,B	108	P1V,Lu
RUPP	XR D01-90	VT2P,B	101	ACi
RUPP	XR D02-05	3110,B	102	CM,C2,Sb
RUPP	XR D03-07	VT2P,B	103	ACi
RUPP	XR D06-53	VT2P,B	106	ACi
RUPP	XR D07-72	VT2P,B	107	ACi
SEED CONSULTANTS	SCS 1069YHR	OI	106	P1
SEED CONSULTANTS	SCS1071AM	AM,B	107	P1
SEED CONSULTANTS	SCS 1087YHR	OI	108	P5
WYCKOFF	2335 SS RIB	STX,B	104	AC,P5V

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
WYCKOFF	2583 TRE RIB	TRE,B	108	AC,P5V
WYCKOFF	2585 SS RIB	STX,B	108	AC,P5V
WYCKOFF	2587 VT2P RIB	VT2P,B	108	AC,P5V,EDC-EL,B-360
WYCKOFF	2633 VT2P RIB	VT2P,B	108	AC250

## 2020 Corn - Ohio Northwest [ OHNW ]

### Full-Season Test Products (40 Total)

Company/Brand	Product/Brand	Technology	RM	Seed Treat.
AUGUSTA	1059	3110	109	AVC,C1
AUGUSTA	1060	3330	109	CM,C2
AUGUSTA	1259	3330,B	109	AVC,C5
DYNA-GRO	D49VC70	VT2P	109	AC,P5V,EDC-B
DYNA-GRO	D52VC15	VT2P	112	AC,P5V,EDC-B
EBBERTS	6121VT2PRIB	VT2P,B	111	AC 250,In
EBBERTS	6550VT2P RIB	VT2P,B	110	AC 250,In
EBBERTS	6552VT2PRIB	VT2P,B	112	AC 250,In
EBBERTS	6883VT2PDG	VT2PDG,B	113	AC 250,In
EBBERTS	6910VT2P RIB	VT2P,B	110	AC 250,In
FS INVISION	FS 5909D2A EZR	5222A,B	109	AC,P5V
FS INVISION	FS 60UV1 RIB	VT2P,B	110	AC,P2
FS INVISION	FS 6106X RIB	STX,B	111	AC,P5V
FS INVISION	FS 6107T RIB	TRE,B	111	AC,P5V
FS INVISION	FS 6194V RIB	VT2P,B	111	AC,P5V
GOLDEN HARVEST	G10D21-3330-EZR	3330,B	110	AVC,C5,Vi
GOLDEN HARVEST	G10L16-5222A-EZR	5222A,B	110	AVC,C5,Vi
INTEGRA	5939 STXRIB	STX,B	109	AC,P5V,St,SU
INTEGRA	6284 VT2PRIB	VT2P,B	112	AC,P2,St,SU
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	RA
LOCAL SEED	LC1009 VT2PRIB	VT2P,B	110	RA
LOCAL SEED	LC1108 TCRIB	TRE,B	111	RA
LOCAL SEED	LC1207 TCRIB	TRE,B	111	RA
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	RA
NK BRAND	NK1026-3330-EZR	3330,B	110	AVC,C5,Vi
NK BRAND	NK1082-3330A-EZR	3330A,B	110	AVC,C5,Vi
NK BRAND	NK1188-5122-EZR	5122,B	111	AVC,C5,Vi
PIONEER	P0825AM CK	AM,B	108	P1V,Lu
PIONEER	P1197AM GC	AM,B	111	NA
RUPP	XR D09-42	VT2P,B	109	ACi
RUPP	XR D10-16	VT2P,B	110	ACi
RUPP	XR D12-49	VT2P,B	112	ACi
SEED CONSULTANTS	SCS1091AM	AM,B	109	P1
SEED CONSULTANTS	SCS1111Q	QR,B	111	P1
SEED CONSULTANTS	SCS1121AM	AM,B	112	P1
WYCKOFF	2646 SS RIB	STX,B	112	AC,P5V,EDC-EL,B-360

Company/Brand	Brand/Product	Technology	RM	Seed Treat.
WYCKOFF	2667 DGVT2P RIB	VT2PDG,B	111	AC,P5V,B-360
WYCKOFF	2668 VT2P RIB	VT2P,B	111	AC250
WYCKOFF	2669 SS RIB	STX,B	111	AC,P5V
WYCKOFF	2679 DGVT2PRIB	VT2PDG,B	112	AC250

## Footnotes and Abbreviations Descriptions

### Brand Footnotes

<sup>^</sup> 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\*

3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
3111	Agrisure® Viptera® 3111	OI	Optimum® Intrasect®
3111A	Agrisure® Artesian® Viptera® 3111 (Vip,CB,RW,LL,GT)	QR	Qrome™
3120	Agrisure® 3120 (CB,HX,LL,GT)	STX	SmartStax®
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	TRE	Genuity® Trecepta™
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)	VT2P	Genuity® VT Double PRO®
3330A	Agrisure® Artesian® Viptera® 3330 (Vip,CB,LL,GT)	VT2PDG	Genuity® VT Double PRO® DroughtGard®
5122	Agrisure® Duracade™ 5122		
5222	Agrisure® Duracade™ 5222		
5222A	Agrisure® Duracade™ Artesian® 5222		
AM	Optimum® AcreMax®		
AQ	Optimum® AQUAmax®		

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

### Corn Seed Treatments\*\*

AC250	Acceleron 250	AVC,C2,Vi,St,SU	Avicta Complete 250, Vibrance, Stamina, StepUp
AC 250,In	Acceleron 250, Intego	AVC,C5	Avicta Complete 500
ACi	Acceleron® Standard Insecticide-Fungicide	AVC,C5,Vi	Avicta Complete 500, Vibrance
AC,P2	Acceleron, Poncho 250	CM,C2	CruiserMaxx 250
AC,P2,St,SU	Acceleron 250, Stamina, StepUp	CM,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
AC,P5V	Acceleron, Poncho 500/Votivo	NA	Unknown
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT	P1	Poncho 1250
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control	P1V,Lu	Poncho 1250/Votivo, Lumisena™
AC,P5V,EDC-EL,B-360	Acceleron®, Elite Poncho 500/Votivo with Enhanced Disease Control with BioRise™ B-360 ST	P5	Poncho 500
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp	RA	Radius 500 (Local Seed Co)
AVC,C1	Avicta Complete 1250		
AVC,C2	Avicta Complete 250		
AVC,C2,Vi	Avicta Complete 250, Vibrance		

\*\* Seed treatments may include unspecified plant health promoting components.

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

## Corn Seed Treatments\*\*

AC250	Acceleron 250	AVC,C2,Vi,St,SU	Avicta Complete 250, Vibrance, Stamina, StepUp
AC 250,In	Acceleron 250, Intego	AVC,C5	Avicta Complete 500
ACi	Acceleron® Standard Insecticide-Fungicide	AVC,C5,Vi	Avicta Complete 500, Vibrance
AC,P2	Acceleron, Poncho 250	CM,C2	CruiserMaxx 250
AC,P2,St,SU	Acceleron 250, Stamina, StepUp	CM,C2,Sb	CruiserMaxx 250, SabrEx Innoculant
AC,P5V	Acceleron, Poncho 500/Votivo	NA	Unknown
AC,P5V,B-360	Acceleron® Poncho 500/Votivo with B-360 SAT	P1	Poncho 1250
AC,P5V,EDC-B	Acceleron, Basic Poncho 500/Votivo with Enhanced Disease Control	P1V,Lu	Poncho 1250/Votivo, Lumisena™
AC,P5V,EDC-EL,B-360	Acceleron®,Elite Poncho 500/Votivo with Enhanced Disease Control with BioRise™ B-360 ST	P5	Poncho 500
AC,P5V,St,SU	Acceleron Poncho 500/Votivo, Stamina, StepUp	RA	Radius 500 (Local Seed Co)
AVC,C1	Avicta Complete 1250		
AVC,C2	Avicta Complete 250		
AVC,C2,Vi	Avicta Complete 250, Vibrance		

\*\* Seed treatments may include unspecified plant health promoting components.