

# 2017 Corn Grain Top 30 Harvest Report

Ohio Northwest [ OHNW ] MCOMB  
Lee Newcomer, Putnam County, OH 45858



PREV. CROP/HERB: Soybean  
SOIL DESCRIPTION: Pewamo-Glynwood-Blount-Houcktown silty clay loam, mod. well drained, non-irrigated  
SOIL CONDITION: Conventional w/o fall till, medium P, medium K, 7.4 pH, 3.1% OM, 18.3 CEC  
PEST MANAGEMENT: Force, Staunch, Roundup  
FERTILITY - Applied N: 56 Spring, 120 Sidedress  
Applied N-P-K (units): 176-248-168  
SEEDING - RATE - ROW: May 17 32,700 /A 30" spacing  
HARVESTED - STAND: Oct 31 32,000 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2017OHNW14a

**Top 30 of 32**  
For Gross Income (Sorted by Yield)  
Average of (4) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Golden Harvest	G05B91-3010	3010	105	<b>271.5</b>	18.5	2	30.2	926	1
NK Brand	NK0659-3120-EZR	3120,B	106	<b>271.1</b>	19.2	3	32.2	920	2
Dairyland	DS-9508RA	STX,B	108	<b>266.1</b>	20.2	1	32.8	897	4
Seed Consultants	SCS 10HR43^	HX,RR2	104	<b>264.8</b>	19.0	1	33.5	900	3
Seed Consultants	SCS 1086YHR^	OI	108	<b>264.0</b>	19.7	1	32.8	893	5
Golden Harvest	G07H81-3010A	3010,A	107	260.6	19.7	1	32.8	881	6
LG Seeds	LG5548STXRIB	STX,B	109	257.3	20.1	2	32.2	868	10
Seed Consultants	SCS 1087YHR^	OI	108	256.7	19.6	1	30.8	869	8
NuTech/G2 Gen	5F-308^	AM,B	108	255.8	20.0	1	32.2	863	11
NK Brand	NK0760-3111	3111	107	255.6	18.9	1	32.2	870	7
Rupp	xrJ05-75	STX,B	105	254.4	18.3	1	31.5	869	9
LG Seeds	LG5565STXRIB	STX,B	108	253.3	19.2	1	30.8	860	12
Rupp	xrD07-72	STX,B	107	249.7	18.6	1	32.2	851	13
Rupp	xrD06-70	VT2P,B	105	248.9	18.6	1	31.5	849	14
Ebberts	6899VT2P	VT2P	109	248.3	19.1	1	33.5	844	16
LG Seeds	LG5520STXRIB	STX,B	105	247.8	18.1	1	33.5	848	15
Ebberts	9137SSXRIB	STX,B	107	246.5	19.6	1	32.2	834	19
LG Seeds	LG5530VT2P	VT2P	105	245.4	18.2	1	32.8	839	18
NuTech/G2 Gen	5H-806^	HX,RR2	106	243.6	19.4	1	33.5	826	20
FS InVISION	FS 54ZX1 RIB	STX,B	104	240.1	18.5	1	31.5	819	22
Ebberts	6466VT2PRIB	VT2P,B	106	239.3	17.8	1	32.2	821	21
FS InVISION	FS 55TX1 RIB	STX,B	105	239.1	19.1	1	32.2	812	25
Becks	5140HR^ GC	HX,RR2	105	238.8	18.9	1	31.5	813	24
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	238.3	18.4	1	32.2	814	23
NuTech/G2 Gen	5F-503^	AM,B	103	237.1	18.9	1	32.2	807	26
Ebberts	9577SSX	STX	107	236.9	18.7	1	30.2	807	27
NuTech/G2 Gen	5LB-1606^	AMXT,B	106	235.5	18.3	1	30.8	805	28
FS InVISION	FS 57TX1 RIB	STX,B	107	233.2	19.0	1	31.5	793	29
NuTech	5VN-4707	3111	107	232.6	19.4	1	31.5	789	30
Dairyland	DS-6106	RR2	106	229.2	19.0	1	30.2	779	31
Pioneer	P0843AM CK	AM,B	108	248.3	19.3	1	32.8	842	17

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Averages =	<b>248.0</b>	<b>19.0</b>	<b>1</b>	<b>32.0</b>	<b>843</b>
LSD (0.10) =	13.5	0.4	1		
LSD (0.25) =	7.1	0.2	1		
C.V. =	6.0	Prev. years average yield, 159.2 bu/a, 5 yrs			

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

**Test Comments:** *This site was a high yielding site due to good fertility, adequate moisture, and mild summer temperatures. Corn was tall and stood well at harvest. Ears had dropped and were filled to the tip with large, deep kernels. Some Gibberella ear rot was noticed in the plot but was not a major factor.*

† 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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Report Date: 11/03/2017 Revised:

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SOIL CONDITION: Conventional w/o fall till, medium P, medium K, 7.4 pH, 3.1% OM, 18.3 CEC  
PEST MANAGEMENT: Force, Staunch, Roundup  
FERTILITY - Applied N: 56 Spring, 120 Sidedress  
Applied N-P-K (units): 176-248-168  
SEEDING - RATE - ROW: May 17 32,700 /A 30" spacing  
HARVESTED - STAND: Oct 31 31,500 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2017OHNW14b

**Top 30 of 32**

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

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Dairyland	DS-9412SSX	STX	112	<b>281.6</b>	21.4	1	32.2	941	1
NK Brand	NK1066-3120-EZR	3120,B	110	<b>274.5</b>	21.1	1	32.2	919	3
Rupp	xrD12-49	VT2P	112	<b>274.0</b>	21.5	1	32.2	914	4
NuTech/G2 Gen	X5FN-0909^	OI	109	<b>273.7</b>	19.9	1	31.5	924	2
Ebberts	6121VT2P	VT2P	111	272.8	21.9	1	30.8	908	7
Seed Consultants	SCS 1125YHR^	OI	112	270.7	21.4	1	29.5	904	8
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	270.3	20.5	1	31.5	909	6
Rupp	xrD11-57	VT2P,B	111	270.0	19.9	1	32.2	912	5
FS InVISION	FS 59VL1 EZR	3220,B	109	266.6	20.6	1	31.5	896	9
LG Seeds	LG5606STX	STX	111	266.4	20.8	2	30.8	894	10
NuTech/G2 Gen	5F-510^	AM,B	110	264.9	20.8	1	30.8	889	11
Ebberts	9292SSXRIB	STX,B	112	264.9	21.2	1	32.8	886	12
LG Seeds	LG5618STXRIB	STX,B	112	264.4	21.5	1	30.8	882	14
NuTech/G2 Gen	5FB-1010^	AM,B	110	263.0	20.4	1	30.2	885	13
NuTech	X5NN-1212	3000GT	112	262.4	21.3	1	30.8	877	15
Golden Harvest	G12W66-3000GT	3000GT	112	259.1	21.5	1	31.5	865	17
Seed Consultants	SCS 1094YHR^	OI,AQ	109	258.3	19.9	1	30.8	872	16
NK Brand	NK0968-3111	3111	109	254.7	20.2	1	32.2	858	18
FS InVISION	FS 60QV1 RIB	VT2P,B	110	253.2	20.5	2	32.2	851	20
FS InVISION	FS 62R44	3000GT	112	252.4	21.5	1	31.5	842	22
LG Seeds	LG5590VT2P	VT2P	110	250.0	19.8	1	30.8	845	21
Ebberts	6770VT2PRIB	VT2P,B	110	249.8	20.3	1	31.5	841	23
FS InVISION	FS 61SX1 RIB	STX,B	111	248.1	21.2	1	30.8	830	25
Ebberts	6619VT2PRIB	VT2P,B	109	247.5	20.5	1	32.8	832	24
T.A. Seeds	TA618-22DPRIB	VT2P,B	110	246.3	20.3	1	27.5	829	26
Rupp	xrD09-35	VT2P,B	109	243.7	19.4	2	32.8	826	27
Rupp	xrJ10-91	STX,B	110	243.7	20.7	1	32.2	818	29
NuTech/G2 Gen	5F-710^	AM,B	110	242.2	19.5	1	32.8	820	28
Dairyland	DS-6911	RR2	111	241.2	19.9	1	34.2	815	30
Seed Consultants	SC 11AQ17	3000GT	111	238.7	21.4	1	31.5	797	31
Pioneer	P0843AM CK	AM,B	108	253.4	19.6	1	32.8	858	19

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Averages =	<b>257.9</b>	<b>20.7</b>	<b>1</b>	<b>31.5</b>	<b>866</b>
LSD (0.10) =	15.1	0.6	ns		
LSD (0.25) =	7.9	0.3	ns		
C.V. =	6.4	Prev. years average yield, 159.2 bu/a, 5 yrs			

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

**Test Comments:** *This site was a high yielding site due to good fertility, adequate moisture, and mild summer temperatures. Corn was tall and stood well at harvest. Ears had dropped and were filled to the tip with large, deep kernels. Some Gibberella ear rot was noticed in the plot but was not a major factor.*

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**Early-Season Test Products (32 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Becks	5140HR^ GC	HX,RR2	Es	105					
Dairyland	DS-6106	RR2	CM,C5,Vi,In	106					
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Ebberts	6466VT2PRIB	VT2P,B	AC,P2	106					
Ebberts	6899VT2P	VT2P	AC,P2	109					
Ebberts	9137SSXRIB	STX,B	AC,P5V	107					
Ebberts	9577SSX	STX	AC,P5V	107					
FS InVISION	FS 54ZX1 RIB	STX,B	AC,P5V	104					
FS InVISION	FS 55TX1 RIB	STX,B	AC,P5V	105					
FS InVISION	FS 57TX1 RIB	STX,B	AC,P5V	107					
Golden Harvest	G05B91-3010	3010	AVC,C2,Vi	105					
Golden Harvest	G07H81-3010A	3010,A	AVC,C2,Vi	107					
LG Seeds	LG5520STXRIB	STX,B	AC,P5V	105					
LG Seeds	LG5530VT2P	VT2P	AC,P5V	105					
LG Seeds	LG5548STXRIB	STX,B	AC,P5V	109					
LG Seeds	LG5565STXRIB	STX,B	AC,P5V	108					
NK Brand	NK0659-3120-EZR	3120,B	AVC,C2,Vi	106					
NK Brand	NK0760-3111	3111	AVC,C2,Vi	107					
NuTech	5VN-4707	3111	MQ,P1V,R	107					
NuTech/G2 Gen	5F-308^	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5F-503^	AM,B	MQ,P5V,R	103					
NuTech/G2 Gen	5H-806^	HX,RR2	MQ,P5V,R	106					
NuTech/G2 Gen	5LB-1606^	AMXT,B	MQ,P5V,R	106					
Pioneer	P0843AM CK	AM,B	MQ,C2,Lu	108					
Rupp	xrD06-70	VT2P,B	AC,P2	105					
Rupp	xrD07-72	STX,B	AC,P2	107					
Rupp	xrJ05-75	STX,B	AC,P2	105					
Seed Consultants	SCS 1067YHR^	OI	MQ,P1V,R	106					
Seed Consultants	SCS 1086YHR^	OI	MQ,P5V,R	108					
Seed Consultants	SCS 1087YHR^	OI	MQ,P1V,R	108					
Seed Consultants	SCS 10HR43^	HX,RR2	CE,C2	104					
T.A. Seeds	TA547-22DPRIB	VT2P,B	AVC,C5	106					

2017 Corn Grain - Ohio Northwest [ OHNW ]



**Full-Season Test Products (32 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Dairyland	DS-6911	RR2	CM,C2	111					
Dairyland	DS-9412SSX	STX	CM,C5,Vi,In	112					
Dairyland	DS-9510SSX	STX	CM,C5,Vi,In	110					
Ebberts	6121VT2P	VT2P	AC,P2	111					
Ebberts	6619VT2PRIB	VT2P,B	AC,P2	109					
Ebberts	6770VT2PRIB	VT2P,B	AC,P2	110					
Ebberts	9292SSXRIB	STX,B	AC,P5V	112					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60QV1 RIB	VT2P,B	AC,P2	110					
FS InVISION	FS 61SX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62R44	3000GT	AVC,C5,Vi	112					
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
LG Seeds	LG5590VT2P	VT2P	AC,P5V	110					
LG Seeds	LG5606STX	STX	AC,P5V	111					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
NK Brand	NK0968-3111	3111	AVC,C5,Vi	109					
NK Brand	NK1066-3120-EZR	3120,B	AVC,C5,Vi	110					
NuTech	X5NN-1212	3000GT	MQ,P5V,R	112					
NuTech/G2 Gen	5F-510^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5F-710^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-1010^	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	X5FN-0909^	OI	MQ,P1V,R	109					
Pioneer	P0843AM CK	AM,B	MQ,C2,Lu	108					
Rupp	xrD09-35	VT2P,B	AC,P2	109					
Rupp	xrD11-57	VT2P,B	AC,P2	111					
Rupp	xrD12-49	VT2P	AC,P5V	112					
Rupp	xrJ10-91	STX,B	AC,P2	110					
Seed Consultants	SC 11AQ17	3000GT	MQ,P5V,R	111					
Seed Consultants	SCS 1094YHR^	OI,AQ	MQ,P5V,R	109					
Seed Consultants	SCS 1125YHR^	OI	MQ,P1V	112					
T.A. Seeds	TA618-22DPRIB	VT2P,B	AVC,C5	110					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> are trademarks of Syngenta.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

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

### Corn Seed Treatments\*\*

?	information unavailable	In	Intego™ Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL <sup>®</sup>
At	Actellic <sup>®</sup>	MQ	Maxim Quattro <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn	None	untreated
C2, C5, C1	Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme <sup>®</sup>	R	Raxil <sup>®</sup>
CM	CruiserMaxx <sup>®</sup> Corn	SC	SHIELDCoat™
D	Dynasty <sup>®</sup>	V	Votivo <sup>®</sup>
Es	Escalate <sup>®</sup>	Vi	Vibrance <sup>®</sup>

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