

# 2017 Corn Grain Top 30 Harvest Report

Ohio Northwest [ OHNW ] DOLA  
Jerry McBride, Hardin County, OH 45162



PREV. CROP/HERB: Soybean  
SOIL DESCRIPTION: Blout-Pewamo silty clay loam, moderately drained, non-irrigated  
SOIL CONDITION: No-till, high P, medium K, 6 pH, 2.1% OM, 13.2 CEC  
PEST MANAGEMENT: Force, Corvus, atrazine, Roundup, DiFlexx  
FERTILITY - Applied N: 40 Planter, 160 Sidedress  
Applied N-P-K (units): 200-6-6  
SEEDING - RATE - ROW: May 16 33,800 /A 30" spacing  
HARVESTED - STAND: Oct 31 31,600 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2017OHNW15a

## 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
Becks	5140HR^ GC	HX,RR2	105	<b>231.7</b>	18.0	1	34.2	794	1
LG Seeds	LG5548STXRIB	STX,B	109	<b>223.6</b>	18.3	1	32.8	764	2
NuTech/G2 Gen	5H-806^	HX,RR2	106	<b>222.3</b>	17.6	1	31.5	764	3
NuTech	5VN-4707	3111	107	217.7	16.5	1	30.2	754	5
Seed Consultants	SCS 10HR43^	HX,RR2	104	216.7	17.6	1	31.5	744	6
Ebberts	9577SSX	STX	107	212.1	16.6	1	32.2	734	7
NK Brand	NK0760-3111	3111	107	210.1	17.4	1	32.8	723	8
Golden Harvest	G07H81-3010A	3010,A	107	208.1	18.0	1	34.2	713	11
Golden Harvest	G05B91-3010	3010	105	207.7	16.2	1	30.8	721	9
NuTech/G2 Gen	5F-308^	AM,B	108	207.1	17.1	1	32.8	714	10
Ebberts	6899VT2P	VT2P	109	206.8	17.2	1	29.5	712	12
LG Seeds	LG5520STXRIB	STX,B	105	205.6	16.5	1	30.8	712	13
Dairyland	DS-9508RA	STX,B	108	205.1	17.5	1	32.8	705	15
Seed Consultants	SCS 1087YHR^	OI	108	204.6	18.0	1	32.8	701	18
Ebberts	6466VT2PRIB	VT2P,B	106	204.4	17.0	1	30.2	705	16
Ebberts	9137SSXRIB	STX,B	107	204.3	17.4	2	32.8	703	17
Rupp	xrD07-72	STX,B	107	203.7	16.4	2	32.2	706	14
Seed Consultants	SCS 1067YHR^	OI	106	201.2	17.1	1	32.8	694	19
LG Seeds	LG5565STXRIB	STX,B	108	200.9	17.8	1	30.8	689	22
FS InVISION	FS 55TX1 RIB	STX,B	105	199.6	16.4	1	29.5	692	20
Dairyland	DS-6106	RR2	106	199.3	17.5	1	30.8	685	24
Rupp	xrJ05-75	STX,B	105	198.7	16.1	1	32.8	690	21
Seed Consultants	SCS 1086YHR^	OI	108	198.6	16.9	2	31.5	686	23
LG Seeds	LG5530VT2P	VT2P	105	197.1	16.5	1	31.5	682	25
NK Brand	NK0659-3120-EZR	3120,B	106	196.7	17.3	1	30.8	677	27
Rupp	xrD06-70	VT2P,B	105	196.2	15.9	1	28.8	682	26
FS InVISION	FS 57TX1 RIB	STX,B	107	191.8	17.4	1	30.8	660	28
NuTech/G2 Gen	5F-503^	AM,B	103	187.3	16.4	1	32.8	649	30
FS InVISION	FS 54ZX1 RIB	STX,B	104	187.0	16.0	1	32.8	650	29
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	186.9	16.0	2	27.5	649	31
Pioneer	P0843AM CK	AM,B	108	<b>222.8</b>	18.2	1	32.2	762	4

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Averages = **204.5** **17.0** **1** **31.6** **705**

LSD (0.10) = 14.5 0.6 ns

LSD (0.25) = 7.6 0.3 ns

C.V. = 7.8 Prev. years average yield, 162.7 bu/a, 6 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 no-till planted into good conditions but had some emergence issues from rains after planting. Lack of June rain slowed corn growth. Late season rains helped the crop come on strong. The test yields had variation due to the early weather issues. Corn was short with low ear placement but stood relatively well. Mild summer temperatures helped ears fill well. Little disease was noticed.*

† 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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PEST MANAGEMENT: Force, Corvus, atrazine, Roundup, DiFlexx  
FERTILITY - Applied N: 40 Planter, 160 Sidedress  
Applied N-P-K (units): 200-6-6  
SEEDING - RATE - ROW: May 16 33,800 /A 30" spacing  
HARVESTED - STAND: Oct 31 29,600 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2017OHNW15b

## 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
LG Seeds	LG5590VT2P	VT2P	110	<b>224.4</b>	19.0	1	31.5	763	1
NK Brand	NK0968-3111	3111	109	<b>217.8</b>	18.5	1	32.2	743	2
NuTech	X5NN-1212	3000GT	112	<b>217.8</b>	19.7	1	30.8	737	4
FS InVISION	FS 59VL1 EZR	3220,B	109	<b>217.7</b>	19.3	1	30.8	739	3
Dairyland	DS-6911	RR2	111	<b>214.3</b>	19.2	1	32.2	728	5
Seed Consultants	SC 11AQ17	3000GT	111	<b>213.9</b>	20.3	1	31.5	720	6
Golden Harvest	G12W66-3000GT	3000GT	112	211.3	20.0	1	32.2	713	8
NuTech/G2 Gen	5F-710^	AM,B	110	209.8	17.9	1	30.2	719	7
Ebberts	6121VT2P	VT2P	111	207.5	20.8	1	25.5	696	11
Dairyland	DS-9412SSX	STX	112	206.6	21.5	1	28.8	690	12
FS InVISION	FS 61SX1 RIB	STX,B	111	206.3	19.7	1	30.2	698	10
LG Seeds	LG5606STX	STX	111	203.7	20.4	1	32.8	685	13
LG Seeds	LG5618STXRIB	STX,B	112	197.8	20.6	1	31.5	665	15
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	196.6	18.5	1	30.2	671	14
Ebberts	9292SSXRIB	STX,B	112	196.4	20.3	1	30.8	661	17
NuTech/G2 Gen	5FB-1010^	AM,B	110	195.5	19.4	1	27.5	663	16
Seed Consultants	SCS 1125YHR^	OI	112	194.5	19.7	1	28.8	658	19
NuTech/G2 Gen	X5FN-0909^	OI	109	194.4	19.1	1	30.2	660	18
Dairyland	DS-9510SSX	STX	110	193.7	20.4	1	31.5	652	20
NK Brand	NK1066-3120-EZR	3120,B	110	192.6	19.7	1	32.2	651	21
FS InVISION	FS 62R44	3000GT	112	191.8	20.0	1	30.8	647	22
Rupp	xrD12-49	VT2P	112	191.1	21.6	1	24.1	637	25
Ebberts	6770VT2PRIB	VT2P,B	110	190.7	19.8	1	27.5	645	23
FS InVISION	FS 60QV1 RIB	VT2P,B	110	189.9	19.6	1	29.5	643	24
T.A. Seeds	TA618-22DPRIB	VT2P,B	110	185.7	19.2	1	25.5	630	26
Rupp	xrJ10-91	STX,B	110	184.1	18.7	1	27.5	627	27
Rupp	xrD11-57	VT2P,B	111	178.8	19.8	1	26.8	604	29
Rupp	xrD09-35	VT2P,B	109	177.0	18.0	2	28.1	606	28
NuTech/G2 Gen	5F-510^	AM,B	110	174.0	19.4	1	32.2	590	30
Ebberts	6619VT2PRIB	VT2P,B	109	167.5	19.5	1	26.8	567	31
Pioneer	P0843AM CK	AM,B	108	206.8	19.8	1	28.8	699	9

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Averages = **197.2** **19.6** **1** **29.6** **667**

LSD (0.10) = 16.0 0.9 ns

LSD (0.25) = 8.4 0.4 ns

C.V. = 8.9 Prev. years average yield, 162.7 bu/a, 6 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 no-till planted into good conditions but had some emergence issues from rains after planting. Lack of June rain slowed corn growth. Late season rains helped the crop come on strong. The test yields had variation due to the early weather issues. Corn was short with low ear placement but stood relatively well. Mild summer temperatures helped ears fill well. Little disease was noticed.

† 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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2017 Corn Grain - Ohio Northwest [ OHNW ]



**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.