

2018 Corn Grain Top 30 Harvest Report

Ohio Northwest [OHNW] PAYNE
Rex Coomer, Paulding County, OH 46797



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

PREV. CROP/HERB: Soybean / Zidua Pro, Roundup, Select
SOIL DESCRIPTION: Hoytville silty clay, mod. well drained, non-irrigated
SOIL CONDITION: Minimum w/o fall till, very high P, very high K, 5.7 pH, 3.4% OM, 21.1 CEC
PEST MANAGEMENT: Force, Armezon Pro, atrazine, Roundup
FERTILITY - Applied N: 15 Fall, 24 Planter, 164 Sidedress
Applied N-P-K (units): 203-90-124
SEDED - RATE - ROW: May 9 32,600 /A 30" spacing
HARVESTED - STAND: Oct 23 31,400 /A

Early-Season Test
103 - 108 Day CRM
B2018OHNW13a

Top 30 of 36

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
Rupp	xrA08-78	3110	108	231.6	15.4	1	31.9	692	1
Augusta	A4858GT3010	3010	108	230.5	16.1	3	31.9	685	3
Buckeye Hybrids	RR8802VT2P	VT2P,B	108	230.3	15.6	1	32.2	687	2
Golden Harvest	G07F23-3111	3111	107	223.3	15.7	1	31.6	666	4
NK Brand	NK0886-3010	3010	108	222.7	15.8	1	30.9	664	6
NK Brand	NK0821-3120A-EZR GC	3120,A,B	108	222.5	16.0	1	31.6	662	7
Golden Harvest	G08M20-3010	3010	108	222.4	15.4	1	30.5	665	5
Seed Consultants	SC 10AGVT96	3111	109	220.1	16.0	1	32.6	655	8
Ebberts	6138VT2PRIB	VT2P,B	108	220.0	16.1	1	32.2	654	9
Becks	5866AM GC	AM,B	108	218.7	15.3	1	32.2	654	10
Seed Consultants	SCS 1087YHR	OI	108	214.7	15.1	1	31.2	644	11
FS InVISION	FS 55RL1 EZR	3220,B	105	212.2	15.7	1	31.6	633	12
LG Seeds	LG58C77VT2PRO	VT2P	108	211.0	15.5	1	31.9	630	13
LG Seeds	LG5525VT2RIB	VT2P,B	105	209.9	15.6	1	30.5	627	14
Ebberts	6899VT2PRIB	VT2P,B	109	209.4	16.8	3	30.9	619	16
Golden Harvest	G06Q68-3220-EZR	3220,B	106	209.1	15.2	1	31.9	626	15
NuTech/G2 Gen	5F-308	AM,B	108	205.4	16.0	1	31.9	611	19
NK Brand	NK0624-3220-EZR	3220,B	106	204.8	15.5	1	32.2	612	18
FS InVISION	FS 57ZX1 RIB	STX,B	107	204.5	15.0	1	31.6	614	17
NK Brand	NK0330-3120-EZR	3120,B	103	202.9	15.3	1	31.9	607	20
Rupp	xrD07-72	VT2P,B	107	202.3	15.0	1	29.9	607	21
NuTech/G2 Gen	5FN-8808	OI	108	201.1	15.4	1	30.9	601	22
FS InVISION	FS 58R49	3111	108	199.8	16.5	1	29.5	592	23
Golden Harvest	G04S19-3010	3010	104	195.8	14.6	2	31.9	587	24
NuTech/G2 Gen	5FN-2204	OI	104	195.1	15.4	1	31.6	583	25
Dairyland	DS-7106PE	PC,E	106	194.5	16.2	1	32.2	578	27
Rupp	xrD06-70	VT2P,B	106	194.4	14.9	1	31.9	583	26
Seed Consultants	SCS 1086YHR	OI	108	193.4	16.1	1	32.2	575	30
FS InVISION	FS 53ZX1 RIB	STX,B	103	192.3	15.1	1	30.5	576	28
Ebberts	9356SSXRIB	STX,B	106	191.3	15.6	1	32.2	571	31
Pioneer	P0825AM CK	AM,B	108	193.4	16.1	1	32.2	575	29

Matt Turner

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Averages = **203.4** **15.6** **1** **31.4** **607**

LSD (0.10) = 13.6 0.3 1

LSD (0.25) = 7.1 0.2 1

C.V. = 7.3 Prev. years average yield, 192.4 bu/a, 8 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

Test Comments: *This location is very typical of the black swamp soils in the northwest Ohio area. Site planted very nice in early May and the heat and rain brought the corn up nicely. Lodging was not an issue at this location and stalk health was still very good in the plots. Kernels were healthy with very little disease present. Ear drop was seen in certain seed products that impacted yield.*

† 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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FERTILITY - Applied N: 15 Fall, 24 Planter, 164 Sidedress
Applied N-P-K (units): 203-90-124
SEDED - RATE - ROW: May 9 32,600 /A 30" spacing
HARVESTED - STAND: Oct 23 31,500 /A

Full-Season Test
109 - 112 Day CRM
B2018OHNW13b

Top 30 of 36

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
Seed Consultants	SC 11AQ17	3000GT	111	222.9	16.9	1	32.6	658	1
FS InVISION	FS 59VL1 EZR	3220,B	109	219.6	16.9	3	31.9	648	2
Buckeye Hybrids	RR9194VT2P	VT2P,B	111	216.4	17.4	1	32.2	636	4
NK Brand	NK0962-3220A-EZR	3220,A,B	109	216.3	16.6	1	31.6	640	3
FS InVISION	FS 62ZX1 RIB	STX,B	112	215.0	18.1	1	31.9	628	6
Dairyland	DS-9412SSX	STX	112	214.7	18.3	1	32.2	626	8
Seed Consultants	SCS 1098YHR	OI	109	214.1	17.1	1	31.2	631	5
Ebberts	6121VT2PRIB	VT2P,B	111	212.6	17.6	3	31.6	624	9
Golden Harvest	G12W66-3000GT	3000GT	112	211.6	17.6	1	31.6	621	10
NuTech/G2 Gen	5FB-9909	AM,B	109	211.1	16.1	1	31.9	627	7
Ebberts	6552VT2PRIB	VT2P,B	112	210.8	17.4	1	30.2	620	12
Rupp	xrD12-49	VT2P,B	112	209.7	17.9	1	31.6	614	14
NK Brand	NK1284-3220-EZR	3220,B	112	209.6	16.5	1	32.2	621	11
LG Seeds	LG59C66VT2PRO	VT2P	109	209.3	17.0	1	30.2	617	13
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	207.8	16.8	1	30.5	614	15
Augusta	A4463VT2Pro	VT2P	112	207.8	17.2	1	31.6	612	16
NuTech/G2 Gen	5FN-3310	OI	110	207.8	17.3	1	30.5	611	17
Golden Harvest	G09A86-3000GT	3000GT	109	207.4	17.1	1	31.9	611	18
NuTech	5NN-8812	3000GT	112	203.4	17.6	1	31.2	597	20
FS InVISION	FS 60QV1 RIB	VT2P,B	110	202.1	16.5	3	31.6	599	19
Rupp	xrD11-57	VT2P,B	111	201.0	16.7	2	32.6	594	21
LG Seeds	LG5606STXRIB	STX,B	111	200.6	17.2	4	31.6	591	23
Seed Consultants	SCS 1105AM	AM,B	110	200.3	16.4	1	31.2	594	22
FS InVISION	FS 60UX1 RIB	STX,B	110	199.8	17.4	1	31.9	587	25
Rupp	xrD10-16	VT2P,B	110	199.0	16.4	1	32.2	590	24
LG Seeds	LG5590VT2RIB	VT2P,B	110	199.0	17.3	1	31.9	586	26
LG Seeds	LG62C02VT2PRO	VT2P	112	197.1	16.4	1	31.6	584	27
NK Brand	NK1066-3120-EZR	3120,B	110	196.7	16.5	5	31.9	583	28
Ebberts	9292SSXRIB	STX,B	112	196.6	17.6	1	31.2	577	30
Buckeye Hybrids	RR9080VT2P	VT2P,B	110	195.8	16.8	1	31.6	579	29
Pioneer	P0825AM CK	AM,B	108	188.6	16.7	1	30.2	558	34

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Averages = **204.6** **17.1** **2** **31.5** **603**

LSD (0.10) = 11.7 0.5 2

LSD (0.25) = 6.1 0.2 1

C.V. = 6.3 Prev. years average yield, 192.4 bu/a, 8 yrs

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.00; non-GMO = \$3.00

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Early-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4858GT3010	3010	CM,C2	108					
Becks	5866AM GC	AM,B	Es	108					
Buckeye Hybrids	RR8802VT2P	VT2P,B	AC,P2	108					
Dairyland	DS-6008	RR2	CM,C5,Vi,In	108					
Dairyland	DS-7106PE	PC,E	CM,C5,Vi,In	106					
Dairyland	DS-9508RA	STX,B	CM,C5,Vi,In	108					
Ebberts	6138VT2PRIB	VT2P,B	AC,P2	108					
Ebberts	6899VT2PRIB	VT2P,B	AC,P2	109					
Ebberts	9356SSXRIB	STX,B	AC,P5V	106					
FS InVISION	FS 53ZX1 RIB	STX,B	AC,P5V	103					
FS InVISION	FS 55RL1 EZR	3220,B	CM,C2,Vi	105					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 58R49	3111	AVC,C5	108					
Golden Harvest	G04S19-3010	3010	AVC,C2,Vi	104					
Golden Harvest	G06Q68-3220-EZR	3220,B	AVC,C2,Vi	106					
Golden Harvest	G07F23-3111	3111	AVC,C2,Vi	107					
Golden Harvest	G08M20-3010	3010	AVC,C5,Vi	108					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG57C28VT2PRO	VT2P	AC,P5V	107					
LG Seeds	LG58C77VT2PRO	VT2P	AC,P5V	108					
NK Brand	NK0330-3120-EZR	3120,B	AVC,C2,Vi	103					
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106					
NK Brand	NK0821-3120A-EZR GC	3120,A,B	AVC,C5,Vi	108					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NuTech/G2 Gen	5F-308	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FN-2204	OI	MQ,P5V,R	104					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,P5V,R	106					
Pioneer	P0825AM CK	AM,B	MQ,C5,R,Lu	108					
Rupp	xrA08-78	3110	CM,C2	108					
Rupp	xrD06-70	VT2P,B	AC,P2	106					
Rupp	xrD07-72	VT2P,B	AC,P2	107					
Seed Consultants SC	10AGVT96	3111	MQ,P5V,R	109					
Seed Consultants SCS	1086YHR	OI	MQ,P1V	108					
Seed Consultants SCS	1087YHR	OI	MQ,P1V,R	108					
Seed Consultants SCS	10HR43	HX,RR2	MQ,P1V,R	104					

2018 Corn Grain - Ohio Northwest [OHNW]



Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Buckeye Hybrids	RR9080VT2P	VT2P,B	AC,P2	110					
Buckeye Hybrids	RR9194VT2P	VT2P,B	AC,P2	111					
Dairyland	DS-7909PE	PC,E	CM,C5,Vi,In	109					
Dairyland	DS-9412SSX	STX	CM,C1,Vi,In	112					
Dairyland	DS-9510RA	STX,B	CM,C5,Vi,In	110					
Ebberts	6121VT2PRIB	VT2P,B	AC,P2	111					
Ebberts	6552VT2PRIB	VT2P,B	AC,P2	112					
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 60UX1 RIB	STX,B	AC,P5V	110					
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112					
Golden Harvest	G09A86-3000GT	3000GT	AVC,C5,Vi	109					
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
Golden Harvest	G10T63-3120-EZR	3120,B	AVC,C5,Vi	110					
Golden Harvest	G12W66-3000GT	3000GT	AVC,C5,Vi	112					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
LG Seeds	LG62C02VT2PRO	VT2P	AC,P5V	112					
NK Brand	NK0962-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
NK Brand	NK1066-3120-EZR	3120,B	AVC,C5,Vi	110					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,I	112					
NuTech/G2 Gen	5FB-1010	AM,B	MQ,P5V,R	110					
NuTech/G2 Gen	5FB-9909	AM,B	CM,C2,R,Lu	109					
NuTech/G2 Gen	5FN-3310	OI	MQ,P5V,R	110					
Pioneer	P0825AM CK	AM,B	MQ,C5,R,Lu	108					
Rupp	xrD10-16	VT2P,B	AC,P2	110					
Rupp	xrD11-57	VT2P,B	AC,P2	111					
Rupp	xrD12-49	VT2P,B	AC,P2	112					
Seed Consultants	SC 11AQ17	3000GT	MQ,P1V,R,In	111					
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109					
Seed Consultants	SCS 1105AM	AM,B	MQ,P5V,R	110					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks 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*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

Corn Seed Treatments**

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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