

2018 Corn Grain Top 30 Harvest Report

Ohio West Central [OHWC] WASHINGTON COURT HOUSE
Jeffries Farms, Chris Jeffries, Fayette County, OH 43160



PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Brookston silty clay loam, mod. well drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.3 pH, 4.4% OM, 19.3 CEC
PEST MANAGEMENT: Fungicide & Insecticide
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-0-0
SEEDING - RATE - ROW: May 9 35,000 /A 30" spacing
HARVESTED - STAND: Oct 11 34,800 /A

Early-Season Test

105 - 110 Day CRM
B2018OHWC10a

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
Pioneer	P0825AM GC	AM,B	108	233.2	19.0	0	35.3	735	1
NK Brand	NK0886-3010	3010	108	220.0	19.1	0	34.4	692	3
Rupp	xrD07-72	VT2P,B	107	219.5	18.2	0	33.5	696	2
NuTech/G2 Gen	5FN-8808	OI	108	217.3	18.7	0	36.2	686	4
Golden Harvest	G09A86-3000GT	3000GT	109	217.3	19.4	0	34.8	682	7
Golden Harvest	G08M20-3010	3010	108	217.2	19.5	0	33.5	681	8
NuTech/G2 Gen	5FB-9909	AM,B	109	216.9	18.6	1	36.2	685	5
Ebberts	6138VT2PRIB	VT2P,B	108	215.9	18.9	0	34.4	681	9
Golden Harvest	G10T63-3120-EZR	3120,B	110	215.7	19.1	0	34.0	679	10
NuTech/G2 Gen	5H-806	HX,RR2	106	211.7	19.2	0	36.6	666	11
FS InVISION	FS 58R49	3111	108	211.2	19.5	3	35.3	663	12
Seed Consultants	SC 10AGV96	3110	109	208.5	19.3	0	34.4	655	15
Becks	5866AM GC	AM,B	108	207.8	18.2	0	33.5	659	13
Augusta	A4858GT3010	3010	108	207.8	18.6	0	33.5	657	14
NuTech/G2 Gen	5F-308	AM,B	108	206.4	19.6	0	34.8	647	16
LG Seeds	LG5525VT2RIB	VT2P,B	105	204.5	18.9	0	34.8	645	17
NK Brand	NK0962-3220A-EZR	3220,A,B	109	204.4	19.7	1	34.8	640	19
FS InVISION	FS 57ZX1 RIB	STX,B	107	203.5	18.4	1	33.5	644	18
FS InVISION	FS 59VL1 EZR	3220,B	109	202.6	19.6	0	34.8	635	20
Seed Consultants	SC 10AGT59	3010	105	199.1	18.4	0	35.7	630	21
Rupp	xrD10-16	VT2P,B	110	198.8	18.5	0	35.7	629	22
Becks	5818BR GC	3010	108	198.4	20.3	0	34.4	619	25
Seed Consultants	SCS 10HR43	HX,RR2	104	197.5	18.8	1	34.8	623	23
NK Brand	NK0624-3220-EZR	3220,B	106	196.7	18.5	0	35.3	622	24
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	196.3	19.4	0	34.8	616	26
Ebberts	6899VT2PRIB	VT2P,B	109	194.2	19.6	0	34.4	609	27
LG Seeds	LG5590VT2RIB	VT2P,B	110	191.8	19.6	0	35.7	601	28
FS InVISION	FS 60UX1 RIB	STX,B	110	189.5	19.2	0	32.7	596	29
Seed Consultants	SCS 1087YHR	OI	108	188.5	19.1	3	34.4	593	30
LG Seeds	LG59C66VT2PRO	VT2P	109	187.3	19.3	0	35.3	589	31
Pioneer	P1197AM CK	AM,B	111	217.5	19.6	0	36.2	682	6
Averages =				205.7	19.1	0	34.8	648	
LSD (0.10) =				19.1	0.8	ns			
LSD (0.25) =				10.0	0.4	ns			
C.V. =				10.2					

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

Test Comments: *A well-drained Brookston/Kokomo soil and excellent weather equal outstanding yields. Plot had excellent weed control. The Washington Court House area typically has heavy northern corn leaf blight (NCLB) pressure and 2018 was no exception. The host cooperators had a fungicide applied; but late pressure from NCLB finished off many hybrids. Heavy gray leaf spot was also noted here.*

† 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: 11/04/2018 Revised:

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PEST MANAGEMENT: Fungicide & Insecticide
FERTILITY - Applied N: 200 Spring
Applied N-P-K (units): 200-0-0
SEEDING - RATE - ROW: May 9 35,000 /A 30" spacing
HARVESTED - STAND: Oct 11 34,800 /A

Full-Season Test
111 - 114 Day CRM
B2018OHWC10b

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
Ebberts	6552VT2PRIB	VT2P,B	112	244.5	21.0	0	37.0	758	1
Augusta	A4463VT2Pro	VT2P	112	241.1	19.9	0	35.3	754	2
FS InVISION	FS 64SV1 RIB	VT2P,B	114	236.6	23.0	0	35.3	722	5
LG Seeds	LG5643VT2RIB	VT2P,B	114	234.7	21.2	0	34.8	726	4
Seed Consultants	SCS 1139YHR	OI	113	234.0	20.6	0	33.1	728	3
Ebberts	6121VT2PRIB	VT2P,B	111	231.6	20.6	0	36.6	720	6
FS InVISION	FS 62ZX1 RIB	STX,B	112	229.1	20.9	0	34.4	711	7
LG Seeds	LG5606STXRIB	STX,B	111	227.0	20.9	0	34.0	704	9
Rupp	xrD11-57	VT2P,B	111	226.9	19.7	0	34.4	711	8
NuTech/G2 Gen	5FN-2213	OI	113	226.2	20.9	0	35.3	702	11
NuTech/G2 Gen	5FN-7714	OI	114	225.9	22.0	0	34.8	695	12
Ebberts	9292SSXRIB	STX,B	112	221.8	20.6	0	35.7	690	13
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	221.5	21.5	0	34.0	684	15
NuTech	5NN-8812	3000GT	112	220.9	21.3	0	36.6	683	17
Golden Harvest	G13Z50-3110	3110	113	220.7	21.8	0	34.0	680	18
Dekalb	DKC63-21RIB GC	STX,B	113	220.4	19.7	0	34.8	690	14
NK Brand	NK1354-3110	3110	113	219.6	20.4	0	31.8	684	16
Ebberts	6643VT2PRIB	VT2P,B	113	217.9	22.9	0	34.8	665	22
Seed Consultants	EXP 114B	AM,B	114	217.0	20.9	0	35.3	673	19
NK Brand	NK1284-3220-EZR	3220,B	112	213.7	20.1	0	34.4	667	20
Golden Harvest	G12W66-3220-EZR	3220,B	112	213.7	20.4	0	33.1	666	21
Seed Consultants	SCS 1125YHR	OI	112	213.0	20.9	0	34.4	661	23
Rupp	xrD12-49	VT2P,B	112	211.8	22.1	0	36.6	651	24
LG Seeds	LG62C02VT2PRO	VT2P	112	210.2	21.2	0	34.4	651	25
Seed Consultants	SC 11AQ17	3000GT	111	209.6	20.9	0	34.0	650	26
Golden Harvest	G14R38-3120-EZR	3120,B	114	209.3	22.4	0	34.8	642	29
Becks	6282AM GC	AM,B	112	208.7	20.9	0	35.7	647	27
Becks	6368V2P GC	VT2P,B	113	207.8	20.4	0	34.0	647	28
NK Brand	NK1452-3122-EZR	3122,B	114	201.6	23.3	0	36.2	613	30
FS InVISION	FS 64RL0 EZR	3120,B	114	196.7	22.1	0	34.4	604	31
Pioneer	P1197AM CK	AM,B	111	225.2	20.0	0	33.5	704	10
Averages =				219.6	21.1	0	34.8	680	
LSD (0.10) =				18.7	1.0	ns			
LSD (0.25) =				9.8	0.5	ns			
C.V. =				9.3					

New test site, no yield history

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.25; non-GMO = \$3.25

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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
Augusta	A4858GT3010	3010	CM,C2	108					
Becks	5818BR GC	3010	Es	108					
Becks	5866AM GC	AM,B	Es	108					
Ebberts	6138VT2PRIB	VT2P,B	AC,P2	108					
Ebberts	6899VT2PRIB	VT2P,B	AC,P2	109					
FS InVISION	FS 57ZX1 RIB	STX,B	AC,P5V	107					
FS InVISION	FS 58R49	3111	AVC,C5	108					
FS InVISION	FS 59VL1 EZR	3220,B	CM,C2,Vi	109					
FS InVISION	FS 60UX1 RIB	STX,B	AC,P5V	110					
Golden Harvest	G08M20-3010	3010	AVC,C5,Vi	108					
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					
LG Seeds	LG5525VT2RIB	VT2P,B	AC,P5V	105					
LG Seeds	LG5590VT2RIB	VT2P,B	AC,P5V	110					
LG Seeds	LG57C28VT2PRO	VT2P	AC,P5V	107					
LG Seeds	LG59C66VT2PRO	VT2P	AC,P5V	109					
NK Brand	NK0624-3220-EZR	3220,B	AVC,C2,Vi	106					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NK Brand	NK0962-3220A-EZR	3220,A,B	AVC,C5,Vi	109					
NuTech/G2 Gen	5F-308	AM,B	MQ,P5V,R	108					
NuTech/G2 Gen	5FB-9909	AM,B	CM,C2,R,Lu	109					
NuTech/G2 Gen	5FN-8808	OI	MQ,P1V,R	108					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,P5V,R	106					
Pioneer	P0825AM GC	AM,B	MQ,C5,R,Lu	108					
Pioneer	P1197AM CK	AM,B	MQ,C2,R,Lu	111					
Rupp	xrD07-72	VT2P,B	AC,P2	107					
Rupp	xrD10-16	VT2P,B	AC,P2	110					
Seed Consultants SC	10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants SC	10AGV96	3110	MQ,P5V,R	109					
Seed Consultants SCS	1087YHR	OI	MQ,P1V,R	108					
Seed Consultants SCS	10HR43	HX,RR2	MQ,P1V,R	104					

2018 Corn Grain - Ohio West Central [OHWC]



Full-Season Test Products (32 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Becks	6282AM GC	AM,B	Es	112					
Becks	6368V2P GC	VT2P,B	Es	113					
Dekalb	DKC63-21RIB GC	STX,B	AC,P5V	113					
Ebberts	6121VT2PRIB	VT2P,B	AC,P2	111					
Ebberts	6552VT2PRIB	VT2P,B	AC,P2	112					
Ebberts	6643VT2PRIB	VT2P,B	AC,P2	113					
Ebberts	9292SSXRIB	STX,B	AC,P5V	112					
FS InVISION	FS 62ZX1 RIB	STX,B	AC,P5V	112					
FS InVISION	FS 63ZV1 RIB	VT2P,B	AC,P2	113					
FS InVISION	FS 64RL0 EZR	3120,B	CM,C2,Vi	114					
FS InVISION	FS 64SV1 RIB	VT2P,B	AC,P2	114					
Golden Harvest	G11A33-3111	3111	AVC,C5,Vi	111					
Golden Harvest	G12W66-3220-EZR	3220,B	AVC,C5,Vi	112					
Golden Harvest	G13Z50-3110	3110	AVC,C5,Vi	113					
Golden Harvest	G14R38-3120-EZR	3120,B	AVC,C5,Vi	114					
LG Seeds	LG5606STXRIB	STX,B	AC,P5V	111					
LG Seeds	LG5643VT2RIB	VT2P,B	AC,P5V	114					
LG Seeds	LG62C02VT2PRO	VT2P	AC,P5V	112					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NK Brand	NK1354-3110	3110	AVC,C5,Vi	113					
NK Brand	NK1452-3122-EZR	3122,B	AVC,C5,Vi	114					
NuTech	5NN-8812	3000GT	CM,C2,R,Lu,I	112					
NuTech/G2 Gen	5FN-2213	OI	MQ,P5V,R	113					
NuTech/G2 Gen	5FN-7714	OI	MQ,P1V,R	114					
Pioneer	P1197AM CK	AM,B	MQ,C2,R,Lu	111					
Rupp	xrD11-57	VT2P,B	AC,P2	111					
Rupp	xrD12-49	VT2P,B	AC,P2	112					
Seed Consultants	EXP 114B	AM,B	CM,C2,R,Lu	114					
Seed Consultants	SC 11AQ17	3000GT	MQ,P1V,R,In	111					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					
Seed Consultants	SCS 1139YHR	OI	MQ,P5V,R	113					

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.