

2018 Corn Grain Top 30 Harvest Report

Ohio West Central [OHWC] ARCANUM
Kevn McKibben, Darke County, OH 45304



PREV. CROP/HERB: Soybean
SOIL DESCRIPTION: Brookston-Crosby silty clay loam, moderately drained, non-irrigated
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 6.2 pH, 2.7% OM, 13.6 CEC
PEST MANAGEMENT: Info unavailable, to be determined
FERTILITY - Applied N:
Applied N-P-K (units):
SEDED - RATE - ROW: May 25 35,000 /A 30" spacing
HARVESTED - STAND: Oct 21 34,500 /A

Early-Season Test
105 - 110 Day CRM
B2018OHWC06a

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	G10T63-3120-EZR	3120,B	110	202.6	19.1	1	34.0	638	1
NK Brand	NK0962-3220A-EZR	3220,A,B	109	197.3	18.4	13	35.7	624	2
FS InVISION	FS 58R49	3111	108	197.3	18.7	9	34.0	623	3
Ebberts	6899VT2PRIB	VT2P,B	109	195.0	19.2	5	33.5	613	4
Becks	5818BR GC	3010	108	192.4	17.9	10	34.4	611	5
Rupp	xrD07-72	VT2P,B	107	191.1	18.4	1	34.4	605	6
NuTech/G2 Gen	5F-308	AM,B	108	189.8	18.1	3	34.4	602	7
Augusta	A4858GT3010	3010	108	188.6	18.1	10	34.8	598	10
Golden Harvest	G09Y24-3220A-EZR	3220,A,B	109	188.3	17.7	6	34.0	599	8
NK Brand	NK0624-3220-EZR	3220,B	106	188.1	17.7	10	35.7	599	9
Seed Consultants	SCS 10HR43	HX,RR2	104	188.1	19.1	0	34.8	592	13
NuTech/G2 Gen	5FB-9909	AM,B	109	187.4	18.4	6	33.5	593	11
Seed Consultants	SC 10AGT59	3010	105	187.3	18.4	15	35.7	593	12
Golden Harvest	G09A86-3000GT	3000GT	109	184.2	19.1	3	33.5	580	14
NuTech/G2 Gen	5FN-8808	OI	108	183.3	18.7	9	34.8	579	15
FS InVISION	FS 57ZX1 RIB	STX,B	107	182.9	18.4	13	33.1	579	16
Ebberts	6138VT2PRIB	VT2P,B	108	182.1	18.7	4	34.8	575	18
Seed Consultants	SC 10AGV96	3110	109	181.2	18.5	8	34.4	573	19
Rupp	xrD10-16	VT2P,B	110	179.0	19.1	0	34.4	563	21
FS InVISION	FS 60UX1 RIB	STX,B	110	177.8	18.0	3	34.0	565	20
Becks	5866AM GC	AM,B	108	173.5	18.1	6	33.5	550	22
Pioneer	P0825AM GC	AM,B	108	173.5	18.4	6	34.4	549	23
LG Seeds	LG5590VT2RIB	VT2P,B	110	171.8	18.4	1	35.3	544	24
LG Seeds	LG57C28VT2PRO	VT2P	107	170.4	18.8	9	34.4	538	25
LG Seeds	LG59C66VT2PRO	VT2P	109	169.3	19.1	3	36.2	533	28
Golden Harvest	G08M20-3010	3010	108	169.2	18.7	23	36.6	534	26
Seed Consultants	SCS 1087YHR	OI	108	168.7	18.3	9	34.0	534	27
NuTech/G2 Gen	5H-806	HX,RR2	106	168.1	18.7	6	31.4	531	29
FS InVISION	FS 59VL1 EZR	3220,B	109	163.8	18.9	10	34.0	516	31
LG Seeds	LG5525VT2RIB	VT2P,B	105	163.1	17.9	5	34.4	518	30
Pioneer	P1197AM CK	AM,B	111	183.1	19.3	18	34.8	575	17
Averages =				181.1	18.5	7	34.5	573	
LSD (0.10) =				17.3	0.7	9			
LSD (0.25) =				9.1	0.4	4			
C.V. =				10.5	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: *This plot looked outstanding all year long. The weather conditions this season produced some of the best yields ever for our host farmer. The plot had very little to no disease pressure. The plot was weed-free and should have made for great test data.*

† 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: Info unavailable, to be determined
FERTILITY - Applied N:
Applied N-P-K (units):
SEEDING - RATE - ROW: May 25 35,000 /A 30" spacing
HARVESTED - STAND: Oct 21 34,500 /A

Full-Season Test
111 - 114 Day CRM
B2018OHWC06b

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
Seed Consultants	EXP 114B	AM,B	114	204.8	19.0	4	35.3	645	1
Augusta	A4463VT2Pro	VT2P	112	200.2	18.6	10	34.4	633	2
Ebberts	6552VT2PRIB	VT2P,B	112	196.6	19.0	0	35.7	619	3
NuTech/G2 Gen	5FN-2213	OI	113	195.3	18.5	0	34.0	618	4
Dekalb	DKC63-21RIB GC	STX,B	113	195.0	19.1	3	33.1	614	5
LG Seeds	LG5643VT2RIB	VT2P,B	114	193.2	18.7	3	33.5	610	6
FS InVISION	FS 63ZV1 RIB	VT2P,B	113	191.2	18.5	8	36.2	605	7
Seed Consultants	SC 11AQ17	3000GT	111	189.1	18.3	9	35.7	599	8
Becks	6282AM GC	AM,B	112	188.9	18.4	10	34.0	598	9
Golden Harvest	G13Z50-3110	3110	113	186.7	18.4	1	35.3	591	10
Rupp	xrD11-57	VT2P,B	111	184.8	18.7	16	36.2	584	12
NK Brand	NK1452-3122-EZR	3122,B	114	183.7	17.4	1	34.8	586	11
Ebberts	9292SSXRIB	STX,B	112	183.6	18.5	10	34.0	581	13
Becks	6368V2P GC	VT2P,B	113	182.8	19.3	5	35.3	574	16
Golden Harvest	G12W66-3220-EZR	3220,B	112	182.6	18.4	4	34.0	578	14
Rupp	xrD12-49	VT2P,B	112	182.3	18.4	4	35.3	577	15
Ebberts	6643VT2PRIB	VT2P,B	113	181.5	18.8	13	34.8	573	17
Seed Consultants	SCS 1139YHR	OI	113	180.6	18.7	6	34.0	570	19
NuTech/G2 Gen	5FN-7714	OI	114	180.0	18.8	20	34.4	568	20
Seed Consultants	SCS 1125YHR	OI	112	177.4	18.3	4	32.7	562	21
NK Brand	NK1354-3110	3110	113	176.8	18.5	1	33.5	559	22
Golden Harvest	G14R38-3120-EZR	3120,B	114	175.9	19.1	4	34.0	554	23
NuTech	5NN-8812	3000GT	112	174.3	19.0	1	34.0	549	25
NK Brand	NK1284-3220-EZR	3220,B	112	173.6	18.2	4	34.0	550	24
FS InVISION	FS 64SV1 RIB	VT2P,B	114	172.1	18.2	13	33.1	546	26
FS InVISION	FS 64RL0 EZR	3120,B	114	170.8	18.5	3	35.7	540	27
Ebberts	6121VT2PRIB	VT2P,B	111	168.5	18.5	13	33.1	533	28
FS InVISION	FS 62ZX1 RIB	STX,B	112	163.6	18.1	18	34.8	519	29
Golden Harvest	G11A33-3111	3111	111	161.7	18.5	10	36.2	511	30
LG Seeds	LG62C02VT2PRO	VT2P	112	159.3	18.1	19	33.1	505	31
Pioneer	P1197AM CK	AM,B	111	180.5	18.4	3	34.8	571	18
Averages =				181.1	18.6	7	34.5	573	
LSD (0.10) =				17.0	0.8	8			
LSD (0.25) =				8.9	0.4	4			
C.V. =				10.3					

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

Test Comments: *This plot looked outstanding all year long. The weather conditions this season produced some of the best yields ever for our host farmer. The plot had very little to no disease pressure. The plot was weed-free and should have made for great test data.*

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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.