

# 2013 Corn Grain Top 30 Harvest Report

Ohio Northwest [ OHNW ] BLOOMDALE  
Larry Bishop, Wood County, OH 43402



Test by: F.I.R.S.T. NECB, Inc., Chadwick, IL

PREV. CROP/HERB: Corn / Domain, Sonic  
SOIL DESCRIPTION: Hoytville silty clay loam, mod. well drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, high K, 6.5 pH, 3% OM  
PEST MANAGEMENT: SureStart  
FERTILITY - Applied N: 100 Fall, Spring, 15 Planter, 156 Side  
Applied N-P-K (units): 271-160-160  
SEDED - RATE - ROW: May 18 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 11 31,500 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2013OHNW22a

**Top 30 of 42**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Mycogen	2C647	STX	CM,C2	108	162.2	20.3	3	31.2	733	1
Specialty	4383GENVT3PRIB	VT3P,B	AC,P5V	105	160.4	20.6	2	31.2	723	4
Ebberts	9488SSX	STX	AC,P5	108	160.3	19.6	1	32.9	727	2
Dairyland	DS9306	3000GT	CM,C2	106	159.8	19.5	1	32.6	725	3
Steyer	10702VIP3111	3111	SStd	107	159.0	19.6	2	31.2	721	5
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105	158.3	19.7	1	32.2	717	6
Select	4809AQ	3000GT	CM,C2	108	157.8	20.9	1	30.9	710	7
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103	156.9	20.2	2	30.9	709	8
Steyer	10703GENSS RIB	STX,B	SStd	107	154.8	20.5	1	32.6	699	9
Steyer	10803GENSS RIB	STX,B	SStd	108	154.4	19.9	2	31.6	699	10
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105	153.8	19.8	2	31.9	697	11
Integra	5441GSSRIB	STX,B	AC,P2	104	153.6	20.8	2	29.6	692	15
Ebberts	7109VT3P	VT3P	AC,P5	108	153.5	20.4	1	29.9	693	14
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103	153.4	19.8	2	30.2	695	12
Dekalb	DKC57-75RIB	STX,B	AC,P5V	107	153.3	19.7	1	31.2	695	13
Dairyland	DS9305SSX	STX	CM,C2	105	152.9	19.9	2	30.6	692	16
Rupp	xrJ10-91	STX,B	AC,P2	110	151.9	20.5	1	32.6	685	17
Select	4314AQ	3000GT	CM,C2	105	151.7	20.5	1	31.2	685	18
LG Seeds	LG5518STX	STX	AC,P5V	104	151.2	19.8	1	32.9	685	19
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107	151.0	20.4	2	30.9	682	20
Specialty	37V593	VT3P,B	AC,P5V	107	150.5	19.9	2	31.2	681	21
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107	150.0	19.6	3	29.6	680	22
Stine	R9534VT3Pro	VT3P,B	AC,P2	106	149.5	19.9	1	32.6	677	23
Ebberts	7909VT3P	VT3P	AC,P5	108	149.1	20.5	2	32.2	673	24
FS InVISION	FS 55ZV4 RIB	VT3P,B	AC,P2,Z	105	148.2	19.7	2	30.9	672	25
Ebberts	6587VT2P	VT2P	AC,P5	108	148.2	20.5	1	31.9	669	27
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105	147.8	19.7	3	30.9	670	26
Select	4277SM	STX,B	AC,P5	105	147.8	20.1	3	30.6	668	28
Integra	5776GSSRIB	STX,B	AC,P2	107	147.4	20.0	3	31.2	667	29
Rupp	xrJ07-20	STX,B	AC,P2	107	145.8	19.5	3	31.2	662	30
Beck	XL 5475AMX^ CK	AMX,B	Es	108	145.7	20.4	2	31.6	658	32
Test Average =					<b>150.3</b>	<b>20.1</b>	<b>2</b>	<b>31.5</b>	<b>680</b>	
LSD (0.10) =					13.1	1.0	ns			
C.V. =					6.4	3.6				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$4.65}{n/a}$  Local GMO non-GMO

**Test Comments:** You could pick out tile line locations during harvest, as the crop above them had a healthy appearance and good stalk strength. Between tile lines, lodging was greater, disease pressure higher and some ponding. The Hoytville clay soil here did not handle the excessive moisture as well as sandier soils. Hoytville clay yields are running 140 bu/acre and sandier soils are outyielding it according to Larry.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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SOIL DESCRIPTION: Hoytville silty clay loam, mod. well drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, high K, 6.5 pH, 3% OM  
PEST MANAGEMENT: SureStart  
FERTILITY - Applied N: 100 Fall, Spring, 15 Planter, 156 Side  
Applied N-P-K (units): 271-160-160  
SEDED - RATE - ROW: May 18 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 11 31,900 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2013OHNW22b

**Top 30 of 42**  
For Gross Income (Sorted by Yield)  
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Integra	5906GSSRIB	STX,B	AC,P5	109	179.1	21.2	1	30.2	805	1
NuTech/G2 Gen	5Z-1008	OI	MQ,P1V,R	111	176.0	21.0	1	32.9	792	2
Specialty	41A743	STX,B	AC,P5V	111	175.0	21.0	1	30.9	788	3
Rupp	xrD12-32	VT2P,B	AC,P2	112	174.9	21.2	1	31.6	786	5
Ebberts	9470SSX	STX	AC,P5	110	174.8	21.0	1	32.2	787	4
Specialty	86R56GENSSRIB	STX,B	AC,P5V	111	173.7	21.3	1	33.6	780	6
Buckeye	RR9128VT3PRIB	VT3P,B	AC,P2	110	170.4	21.1	1	31.6	766	7
LG Seeds	LG2575VT3PRIB	VT3P,B	AC,P5V	110	169.8	20.7	1	32.5	765	8
Integra	9613VT3PRO	VT3P	AC,P2	111	169.6	20.9	1	31.9	764	9
FS InVISION	FS 61JX1	STX	AC,P5V	111	168.5	21.0	1	31.6	758	10
Steyer	11103GENSS RIB	STX,B	SStd	111	168.1	21.0	1	30.6	756	11
NuTech/G2 Gen	5Z-109	OI	MQ,P1V,R	109	167.6	21.0	1	32.9	754	12
Rupp	xrT09-22	VT3P,B	AC,P2	109	165.7	21.3	1	32.2	744	14
Ebberts	6411VT2P	VT2P	AC,P5	111	165.5	21.0	2	30.9	745	13
NuTech/G2 Gen	5H-610	HX,RR2	MQ,P1V,R	110	164.4	21.2	1	32.2	739	16
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112	164.1	20.4	1	31.9	741	15
Steyer	11203-3000GT	3000GT	SStd	112	164.1	21.4	1	31.9	737	18
Buckeye	RR9021VT3PRIB	VT3P,B	AC,P2	110	164.1	21.3	2	32.2	737	19
Specialty	86R70GENSSRIB	STX,B	AC,P5V	112	164.0	21.1	1	31.9	738	17
Steyer	11208VT3PRO RIB	VT3P,B	SStd	112	163.8	21.0	1	32.2	737	20
Great Lakes	6232VT3PRIB	VT3P,B	AC,P5V	112	162.4	21.0	1	30.9	731	21
Ebberts	9451SSX	STX	AC,P5	111	161.9	20.8	1	32.2	729	22
Rupp	xrD11-13	VT2P,B	AC,P2	111	160.9	21.0	1	32.2	724	23
Stine	9740VT3Pro	VT3P	CM,C2	110	160.7	21.2	2	32.6	722	24
NuTech	5B-410	GT/CB/LL	MQ,C2	110	160.5	21.1	1	31.2	722	25
Great Lakes	6087VT3PRIB	VT3P,B	AC,P5V	110	160.2	20.9	1	30.9	721	26
Mycogen	2V709	STX,B	CM,C2	110	160.0	20.7	1	32.9	721	27
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111	160.0	21.8	2	30.6	717	28
Dairyland	DS9610	3000GT	CM,C2	110	159.0	21.2	1	32.6	715	30
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109	158.7	20.3	2	30.9	717	29
Beck	XL 5475AMX^ CK	AMX,B	Es	108	153.4	21.0	1	31.9	690	36
Test Average =					<b>162.7</b>	<b>21.1</b>	<b>1</b>	<b>31.9</b>	<b>732</b>	
LSD (0.10) =					15.3	0.7	ns			
C.V. =					6.9	2.6				

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Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$4.65}{n/a}$  Local GMO non-GMO

**Test Comments:** You could pick out tile line locations during harvest, as the crop above them had a healthy appearance and good stalk strength. Between tile lines, lodging was greater, disease pressure higher and some ponding. The Hoytville clay soil here did not handle the excessive moisture as well as sandier soils. Hoytville clay yields are running 140 bu/acre and sandier soils are outyielding it according to Larry.

† See last page for footnote information. Dark colored row identifies the check product found in early- and full-season tests. **Bold** yields are significantly above test average. **Italicized** brands exceed the grain moisture limit for this test. **GC** = grower comparison product, **ns** = not significantly different

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**Early-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	XL 5475AMX^ CK	AMX,B	Es	108					
Buckeye	RR8788SSRIB	STX,B	AC,P2	107					
Dairyland	DS9305SSX	STX	CM,C2	105					
Dairyland	DS9306	3000GT	CM,C2	106					
Dekalb	DKC57-75RIB	STX,B	AC,P5V	107					
Doebblers	554GRQ	3000GT	MQ,C2	105					
Doebblers	RPM 537AMX^	AMX,B	MQ,P1V	103					
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107					
Doebblers	RPM 603XRR^	RR2	MQ,C2	108					
Ebberts	658VT2P	VT2P	AC,P5	108					
Ebberts	7109VT3P	VT3P	AC,P5	108					
Ebberts	7909VT3P	VT3P	AC,P5	108					
Ebberts	9488SSX	STX	AC,P5	108					
FS InVISION	FS 55ZV4 RIB	VT3P,B	AC,P2,Z	105					
Great Lakes	5368VT3PRIB	VT3P,B	AC,P5V	103					
Great Lakes	5525VT3PRO	VT3P	AC,P5V	105					
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107					
Integra	5441GSSRIB	STX,B	AC,P2	104					
Integra	5776GSSRIB	STX,B	AC,P2	107					
LG Seeds	LG5518STX	STX	AC,P5V	104					
LG Seeds	LG5528VT3P	VT3P	AC,P5V	105					
LG Seeds	LG5533VT3P	VT3P	AC,P5V	107					
Mycogen	2C647	STX	CM,C2	108					
NuTech/G2 Gen	5F-008AM	AM,B	MQ,C2	108					
NuTech/G2 Gen	5H-707	HX,RR2	MQ,P1V,R	107					
NuTech/G2 Gen	5H-805	HX,RR2	MQ,P1V,R	105					
NuTech/G2 Gen	5H-806	HX,RR2	MQ,C2	106					
Rupp	xr8034	3000GT	CM,C2	105					
Rupp	xrJ07-20	STX,B	AC,P2	107					
Rupp	xrJ10-91	STX,B	AC,P2	110					
Select	4277SM	STX,B	AC,P5	105					
Select	4314AQ	3000GT	CM,C2	105					
Select	4809AQ	3000GT	CM,C2	108					
Specialty	37V593	VT3P,B	AC,P5V	107					
Specialty	38A573	STX,B	AC,P5V	108					
Specialty	4383GENVT3PRIB	VT3P,B	AC,P5V	105					
Steyer	10403VT3PRO RIB	VT3P,B	SStd	104					
Steyer	10702VIP3111	3111	SStd	107					
Steyer	10703GENSS RIB	STX,B	SStd	107					
Steyer	10803GENSS RIB	STX,B	SStd	108					
Stine	R9534VT3Pro	VT3P,B	AC,P2	106					
Stine	R9632SS	STX,B	CM,C2	107					

**Full-Season Test Products (42 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Beck	XL 5475AMX^ CK	AMX,B	Es	108					
Buckeye	RR9021VT3PRIB	VT3P,B	AC,P2	110					
Buckeye	RR9128VT3PRIB	VT3P,B	AC,P2	110					
Dairyland	DS9111SSX	STX	CM,C2	111					
Dairyland	DS9311SSX	STX	CM,C2	112					
Dairyland	DS9610	3000GT	CM,C2	110					
Doebblers	RPM 633HXR^	HX,RR2	MQ,C2	110					
Doebblers	RPM 657AM^	AM,B	MQ,P1V	112					
Ebberts	6411VT2P	VT2P	AC,P5	111					
Ebberts	7712VT3P	VT3P	AC,P5	112					
Ebberts	9451SSX	STX	AC,P5	111					
Ebberts	9470SSX	STX	AC,P5	110					
FS InVISION	FS 60ZV4	VT3P	AC,P5V	110					
FS InVISION	FS 61JX1	STX	AC,P5V	111					
Great Lakes	5939VT3PRIB	VT3P,B	AC,P5V	109					
Great Lakes	6087VT3PRIB	VT3P,B	AC,P5V	110					
Great Lakes	6232VT3PRIB	VT3P,B	AC,P5V	112					
Integra	5906GSSRIB	STX,B	AC,P5	109					
Integra	9613VT3PRO	VT3P	AC,P2	111					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG2575VT3PRIB	VT3P,B	AC,P5V	110					
LG Seeds	LG2602VT3PRIB	VT3P,B	AC,P5V	112					
LG Seeds	LG5607VT3P	VT3P	AC,P5V	111					
Mycogen	2V709	STX,B	CM,C2	110					
NuTech	5B-410	GT/CB/LL	MQ,C2	110					
NuTech/G2 Gen	5H-610	HX,RR2	MQ,P1V,R	110					
NuTech/G2 Gen	5Z-1008	OI	MQ,P1V,R	111					
NuTech/G2 Gen	5Z-109	OI	MQ,P1V,R	109					
NuTech/G2 Gen	5Z-709	OI	MQ,P1V,R	109					
Rupp	xrD11-13	VT2P,B	AC,P2	111					
Rupp	xrD12-32	VT2P,B	AC,P2	112					
Rupp	xrT09-22	VT3P,B	AC,P2	109					
Select	4984SM	STX,B	AC,P5	112					
Specialty	41A743	STX,B	AC,P5V	111					
Specialty	86R56GENSSRIB	STX,B	AC,P5V	111					
Specialty	86R70GENSSRIB	STX,B	AC,P5V	112					
Steyer	11004GENSS RIB	STX,B	SStd	110					
Steyer	11103GENSS RIB	STX,B	SStd	111					
Steyer	11203-3000GT	3000GT	SStd	112					
Steyer	11208VT3PRO RIB	VT3P,B	SStd	112					
Stine	9631VT3Pro	VT3P	CM,C2	109					
Stine	9740VT3Pro	VT3P	CM,C2	110					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaXX® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaXX® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXRW	Herculex® rootworm, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	LL	LibertyLink®
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	None	conventional corn
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OT	Optimum® TRIssect® (HX,RW,LL,RR2)
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	STX	SmartStax® (VT3P,HXX)
B	Blended seed (i.e. refuge blend)	VT2P	Genuity® VT Double Pro®
CB/LL	Agrisure® CB/LL	VT3	YieldGard VT Triple®
CB/LL/RW	Agrisure® CB/LL/RW	VT3P	Genuity® VT Triple Pro®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	MQ	Maxim Quattro®
A	Allegiance®	None	untreated
AC	Acceleron® fungicide products	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil® (tebuconazole)
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	SStd	SureStand™
CE	Cruiser Extreme®	St	Stamina® (pyraclostrobin)
CM	CruiserMaxx® Corn	T	Trilex® (trifloxystrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc
M	Maxim XL®		

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