

# 2014 Corn Grain Top 30 Harvest Report

Ohio Northwest [ OHNW ] TIFFIN  
Chris Magers, Seneca County, OH 44883



PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Loamy sand, well drained, minimum w/ fall till, non-irrigated  
SOIL CONDITION: High P, high K, 6.7 pH, 3.4% OM  
PEST MANAGEMENT: Keystone, Aztec  
FERTILITY - Applied N: 15 Planter, 188 Sidedress  
Applied N-P-K (units): 203-0-0  
SEEDED - RATE - ROW: May 27 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 15 28,000 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2014OHNW23a

**Top 30 of 36**  
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
Select	4534SM RIB	STX,B	AC,P5V	106	229.1	18.8	1	28.1	780	1
Golden Harvest	G07F23-3111	3111	AVC,C5	107	223.6	19.5	1	30.9	757	3
Dairyland	DS6805	STX	CM,C2	105	221.9	16.5	2	29.5	768	2
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	221.9	19.2	1	29.5	753	4
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	219.8	18.6	1	28.1	750	5
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	218.4	19.2	1	27.4	741	6
Ebberts	6587VT2P	VT2P	AC,P5	107	217.4	20.4	1	30.2	732	9
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	217.0	19.7	1	29.5	734	8
Rupp	xrJ03-31	STX,B	AC,P5V	103	215.6	18.0	2	28.1	738	7
M & W Seeds	44P09	VT2P	CM,C2	108	214.2	19.4	2	28.1	726	10
Ebberts	7909VT3P	VT3P	AC,P5	109	213.2	20.1	1	28.1	719	11
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	211.3	18.8	2	28.1	719	12
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	211.2	19.8	2	27.4	714	13
M & W Seeds	44D82	STX,B	AC,P5V	105	208.1	19.4	2	29.5	705	15
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109	208.0	20.3	1	29.5	700	17
Select	4823SM RIB	STX,B	AC,P5V	108	206.6	19.7	1	29.5	699	18
Dairyland	DS6905	STX	CM,C2	105	206.1	19.0	1	28.8	701	16
Integra	5441GSSRIB	STX,B	AC,P2	104	203.9	17.8	1	28.8	699	19
Select	4134SM RIB	STX,B	AC,P5V	104	203.0	18.7	1	28.1	692	21
Mycogen	2C649	STX,B	CM,C2	108	203.0	20.1	1	28.8	685	22
Steyer	10702VIP3111	3111	CM,C2	107	201.3	16.8	1	28.1	695	20
Rupp	xrD05-04	VT2P,B	AC,P2	105	199.9	18.0	6	28.1	685	23
Beck	XL 5131AM^ GC	AM,B	Es,P1V	105	199.4	18.6	1	30.8	680	24
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	197.8	18.9	2	27.5	673	25
Steyer	10803VT2PRIB	VT2P,B	CM,C2	108	196.9	19.5	4	28.1	667	28
Integra	5776GSSRIB	STX,B	AC,P2	107	196.0	18.6	2	24.8	668	26
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109	194.7	19.9	7	26.8	658	30
NK Brand	N59B-3111A	3111A	AVC,C5	107	194.5	17.6	6	28.8	668	27
Golden Harvest	G06N80-3111	3111	AVC,C5	106	194.4	19.6	1	28.1	658	31
Select	3829VP RIB	VT3P,B	AC,P2	103	192.6	18.0	1	28.8	660	29
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	210.1	19.9	1	28.1	710	14
Test Average =					<b>203.5</b>	<b>19.0</b>	<b>3</b>	<b>28.0</b>	<b>692</b>	
LSD (0.10) =					30.8	0.7	11			
LSD (0.25) =					21.4	0.5	7			
C.V. =					11.1	2.8				

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<b>Yield &amp; Income Factors:</b>	Base Moisture = 15.0%	Shrink = 1.3	Drying = \$0.025	Price = $\frac{\$3.50}{\$3.50}$	Local GMO
					non-GMO

**Test Comments:** *Cool wet conditions after planting and reduced final stand, especially in select hybrids. Stalk lodging in a couple plots are elevated due to wind exposure after harvest of surrounding corn. Stand loss and lodging increased yield variability. Stalks were in good condition but an unnatural color. Grain quality looked okay but dull yellow in color. Area grain test weights are below normal.*

† 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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SOIL CONDITION: High P, high K, 6.7 pH, 3.4% OM  
PEST MANAGEMENT: Keystone, Aztec  
FERTILITY - Applied N: 15 Planter, 188 Sidedress  
Applied N-P-K (units): 203-0-0  
SEEDING - RATE - ROW: May 27 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 15 30,600 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2014OHNW23b

**Top 30 of 36**  
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
Rupp	xrJ10-91	STX,B	AC,P5V	110	241.2	19.6	1	30.8	816	1
Select	4995SM RIB	STX,B	AC,P5V	110	239.9	20.3	1	32.2	808	2
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	238.8	22.0	1	29.5	794	4
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	235.9	19.9	1	29.5	797	3
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	234.8	20.4	0	31.5	790	6
Beck	XL 6175AMX^ GC	AMX,B	Es,P1V	112	234.5	20.2	1	30.8	790	5
Ebberts	6292VT2P	VT2P	AC,P5	112	233.4	21.3	1	30.2	780	8
Doebblers	RPM 5115AM^ GC	AM,B	MQ,P1V	111	231.1	19.7	1	30.2	782	7
Integra	6003-3110	3110	AVC,C5	110	230.6	19.6	2	30.2	781	9
Great Lakes	6261STX	STX	AC,P5V	112	229.7	21.2	1	30.2	768	10
Select	5186SM RIB	STX,B	AC,P5V	111	229.2	22.1	1	32.2	762	12
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	226.6	19.6	2	31.5	767	11
Buckeye	RR9074SSRIB	STX,B	AC,P5V	110	225.2	21.7	1	31.5	750	14
Ebberts	7222VT3PRIB	VT3P,B	AC,P5	112	223.6	21.4	1	30.2	747	16
Steyer	11004VT2PRIB	VT2P,B	CM,C2	110	221.8	19.7	1	30.2	750	15
Select	4984SM RIB	STX,B	AC,P5V	110	221.8	22.0	1	28.8	737	22
Doebblers	RPM 629AMXT^ GC	AMXT,B	MQ,P1V	108	221.6	20.5	1	31.5	745	17
LG Seeds	LG5603STX	STX	AC,P5V	110	221.2	19.2	1	30.8	751	13
Mycogen	2V709	STX,B	CM,C2	110	220.3	20.0	2	30.8	744	18
Beck	XL 5828AM^ GC	AM,AQ,B	Es,P1V	110	220.0	20.3	1	29.5	741	19
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109	217.8	19.8	1	30.2	736	23
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110	217.6	19.3	0	32.8	738	20
Integra	5906GSSRIB	STX,B	AC,P2	109	217.6	19.3	1	30.2	738	21
Dairyland	DS9212RA	STX,B	CM,C2	112	216.7	19.5	1	30.8	734	24
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111	216.4	20.7	1	30.8	727	27
Ebberts	9451SSX	STX	AC,P5V	111	214.6	20.7	1	30.8	721	31
Dairyland	DS9610	3000GT	CM,C2	110	214.5	19.3	2	30.2	728	26
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	214.5	20.2	1	30.8	723	30
Dairyland	DS9111RA	STX,B	CM,C2	111	214.3	19.8	2	30.2	724	28
Rupp	xrD11-13	VT2P,B	AC,P2	111	213.9	19.7	1	30.8	724	29
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	217.0	20.1	1	30.2	732	25
Test Average =					<b>222.6</b>	<b>20.3</b>	<b>1</b>	<b>30.6</b>	<b>750</b>	
LSD (0.10) =					20.4	0.8	1			
LSD (0.25) =					14.2	0.6	1			
C.V. =					6.7	3.0				

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$3.50}{\$3.50}$  Local GMO / non-GMO

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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
Beck	XL 5131AM^ GC	AM,B	Es,P1V	105					
Dairyland	DS6805	STX	CM,C2	105					
Dairyland	DS6905	STX	CM,C2	105					
Dairyland	DS9307SSX	STX	CM,C2	107					
Ebberts	6587VT2P	VT2P	AC,P5	107					
Ebberts	7109VT3PRIB	VT3P,B	AC,P5	109					
Ebberts	7909VT3P	VT3P	AC,P5	109					
Ebberts	9488SSX	STX	AC,P5V	108					
Golden Harvest	G06N80-3111	3111	AVC,C5	106					
Golden Harvest	G07F23-3111	3111	AVC,C5	107					
Great Lakes	5755STXRIB	STX,B	AC,P5V	107					
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107					
Integra	5441GSSRIB	STX,B	AC,P2	104					
Integra	5776GSSRIB	STX,B	AC,P2	107					
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107					
LG Seeds	LG5579VT3PRIB	VT3P,B	AC,P5V	109					
M & W Seeds	44D82	STX,B	AC,P5V	105					
M & W Seeds	44P09	VT2P	CM,C2	108					
Mycogen	2C649	STX,B	CM,C2	108					
NK Brand	N59B-3111A	3111A	AVC,C5	107					
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108					
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106					
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106					
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107					
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109					
Rupp	xrD05-04	VT2P,B	AC,P2	105					
Rupp	xrJ03-31	STX,B	AC,P5V	103					
Rupp	xrJ07-20	STX,B	AC,P5V	107					
Select	3829VP RIB	VT3P,B	AC,P2	103					
Select	4134SM RIB	STX,B	AC,P5V	104					
Select	4534SM RIB	STX,B	AC,P5V	106					
Select	4823SM RIB	STX,B	AC,P5V	108					
Steyer	10702VIP3111	3111	CM,C2	107					
Steyer	10803VT2PRIB	VT2P,B	CM,C2	108					
TA Seeds	TA566-31	3111	CM,C2	106					
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108					



## 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. VPMa <sup>x</sup> ® 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®, VPMa <sup>x</sup> ® 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 FIRST when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	DG	Genuity® DroughtGard®
3011A	Agrisure® Artesian® (CB,RW,LL,GT)	GT	Agrisure® GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	GT/CB/LL	Agrisure® GT/CB/LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	HXRW	Herculex® Rootworm, contains LL
5122	Agrisure® Duracade® 5122 (CB,HX,RW,RW2,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
5222	Agrisure® Duracade® 5122 (Vip,CB,HX,RW,RW2,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
A	Agrisure® Artesian®	LL	LibertyLink®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OL	Optimum® Leptra® (Vip,YGCB,HX,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)
AQ	Optimum® AQUAmax®	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple PRO®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

A	Allegiance®	L	Lorsban®
AC	Acceleron® fungicide products	M	Maxim XL®
At	Actellic®	MQ	Maxim Quattro®
AVC	Avicta® Complete Corn	None	untreated
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme®	R	Raxil® (tebuconazole)
CM	CruiserMaxx® Corn	St	Stamina® (pyraclostrobin)
D	Dynasty® (azoxystrobin)	V	Votivo®
Es	Escalate®	Z	zinc

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