

# 2014 Corn Grain Top 30 Harvest Report

Ohio Northwest [ OHNW ] FAYETTE  
Randy Carothers, Fulton County, OH 43521



PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Sandy loam, well drained, minimum w/ fall till, non-irrigated  
SOIL CONDITION: Mod. High P, moderate K, 6.5 pH, 3% OM  
PEST MANAGEMENT: Harness Xtra, Aztec  
FERTILITY - Applied N: 15 Planter, 150 Sidedress  
Applied N-P-K (units): 165-0-0  
SEEDED - RATE - ROW: May 23 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 7 27,200 /A

**Early-Season Test**  
**103 - 108 Day CRM**  
B2014OHNW19a

**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
NuTech/G2 Gen	5Z-707^	OI,AQ	MQ,P1V,R	107	<b>163.8</b>	21.6	6	26.8	546	1
Beck	XL 5131AM^ GC	AM,B	Es,P1V	105	155.5	20.0	12	26.8	525	2
Select	4534SM RIB	STX,B	AC,P5V	106	155.2	22.1	2	28.1	516	3
TA Seeds	TA583-22DPRIB	VT2P,B	CM,C2	108	152.1	24.2	0	29.5	497	6
Select	4134SM RIB	STX,B	AC,P5V	104	151.5	23.4	1	28.1	498	5
Select	3829VP RIB	VT3P,B	AC,P2	103	150.5	19.7	8	28.1	509	4
Integra	5776GSSRIB	STX,B	AC,P2	107	149.2	23.1	7	29.5	492	8
Rupp	xrJ03-31	STX,B	AC,P5V	103	147.0	20.9	2	29.5	493	7
M & W Seeds	44P09	VT2P	CM,C2	108	146.4	21.9	6	25.4	487	9
Golden Harvest	G06N80-3111	3111	AVC,C5	106	142.0	21.9	3	30.8	473	11
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	141.9	20.5	2	32.2	477	10
NuTech/G2 Gen	5X-806^	HXT,RR2	MQ,P5V	106	138.1	20.1	9	24.1	466	12
Dairyland	DS9307SSX	STX	CM,C2	107	137.6	24.6	4	22.8	449	14
Dairyland	DS6905	STX	CM,C2	105	137.0	24.8	7	25.4	446	16
M & W Seeds	44D82	STX,B	AC,P5V	105	136.2	23.8	8	29.5	447	15
Steyer	10702VIP3111	3111	CM,C2	107	134.3	20.4	7	25.5	452	13
Ebberts	6587VT2P	VT2P	AC,P5	107	133.8	27.6	7	26.8	426	21
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	132.9	24.9	3	28.1	432	19
Ebberts	9488SSX	STX	AC,P5V	108	132.8	20.9	4	29.5	445	17
Rupp	xrD05-04	VT2P,B	AC,P2	105	129.8	18.6	28	25.4	443	18
Golden Harvest	G07F23-3111	3111	AVC,C5	107	128.4	22.5	9	26.8	425	23
Rupp	xrJ07-20	STX,B	AC,P5V	107	128.3	21.6	14	25.4	428	20
LG Seeds	LG5533VT3PRIB	VT3P,B	AC,P5V	107	127.5	21.5	15	29.5	426	22
Mycogen	2C649	STX,B	CM,C2	108	127.2	23.6	16	28.1	418	27
NuTech/G2 Gen	5H-806^	HX,RR2	CM,C2	106	126.8	21.2	17	22.8	424	24
NK Brand	N59B-3111A	3111A	AVC,C5	107	126.1	21.0	12	28.1	422	25
Select	4823SM RIB	STX,B	AC,P5V	108	125.0	22.2	20	24.1	415	28
Steyer	10803VT2PRIB	VT2P,B	CM,C2	108	124.6	23.0	10	26.8	411	29
Dairyland	DS6805	STX	CM,C2	105	121.4	20.3	26	24.1	409	30
TA Seeds	TA566-31	3111	CM,C2	106	120.2	22.5	10	28.1	398	31
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	127.6	23.7	6	28.1	419	26
Test Average =					<b>134.0</b>	<b>22.1</b>	<b>10</b>	<b>27.2</b>	<b>445</b>	
LSD (0.10) =					25.3	2.2	10			
LSD (0.25) =					17.6	1.5	7			
C.V. =					13.9	7.2				

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

**Test Comments:** *The wet spring conditions resulted in nonuniform stand but the wet spring left no time for a replant. The lodging may have been a little less if not for a combine breakdown Nov 3 that left the test exposed to wind until we could get the combine running again. Stalks were not in good shape as anthracnose, crown rot and some leaf blight were present. Yield results are variable but statistically valid.*

† 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: 11/10/2014 Revised:

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PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Sandy loam, well drained, minimum w/ fall till, non-irrigated  
SOIL CONDITION: Mod. High P, moderate K, 6.5 pH, 3% OM  
PEST MANAGEMENT: Harness Xtra, Aztec  
FERTILITY - Applied N: 15 Planter, 150 Sidedress  
Applied N-P-K (units): 165-0-0  
SEEDED - RATE - ROW: May 23 35,000 /A 30" spacing  
HARVESTED - STAND: Nov 7 29,600 /A

**Full-Season Test**  
**109 - 112 Day CRM**  
B2014OHNW19b

**Top 30 of 36**  
For Gross Income (Sorted by Yield)  
Average of (2) Replications

Company/Brand	Product/Brand†	Technol.†	Seed Treatment†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Doeblers	RPM 629AMXT^ GC	AMXT,B	MQ,P1V	108	<b>198.8</b>	25.2	5	30.2	645	1
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110	<b>192.5</b>	23.2	0	30.2	634	2
Select	4995SM RIB	STX,B	AC,P5V	110	<b>192.4</b>	27.2	2	30.2	615	3
Buckeye	RR9074SSRIB	STX,B	AC,P5V	110	188.9	30.0	0	32.2	590	5
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	187.7	25.7	3	30.2	607	4
Ebberts	6292VT2P	VT2P	AC,P5	112	184.9	28.3	1	32.2	586	6
Dairyland	DS9111RA	STX,B	CM,C2	111	179.4	26.3	10	26.1	577	7
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	177.2	28.7	0	32.2	560	10
Great Lakes	6261STX	STX	AC,P5V	112	176.3	30.6	1	30.2	548	11
Rupp	xrJ10-91	STX,B	AC,P5V	110	173.7	25.8	0	32.2	561	9
Integra	5906GSSRIB	STX,B	AC,P2	109	173.4	24.7	0	30.2	565	8
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111	172.2	27.6	1	30.2	548	12
Beck	XL 5828AM^ GC	AM,AQ,B	Es,P1V	110	169.1	26.9	2	26.1	542	14
Select	4984SM RIB	STX,B	AC,P5V	110	166.9	29.1	2	28.1	525	18
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112	166.8	24.8	1	32.2	543	13
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112	166.3	24.6	2	30.2	542	15
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111	164.0	25.8	1	32.2	530	16
Ebberts	9451SSX	STX	AC,P5V	111	164.0	25.9	2	32.2	529	17
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	161.3	24.8	10	28.1	525	19
Dairyland	DS9212RA	STX,B	CM,C2	112	160.0	26.3	10	28.1	515	20
Ebberts	7222VT3PRIB	VT3P,B	AC,P5	112	159.6	27.5	5	28.1	509	21
Doeblers	RPM 5115AM^ GC	AM,B	MQ,P1V	111	152.1	26.8	2	26.1	487	23
Rupp	xrD11-13	VT2P,B	AC,P2	111	150.6	25.0	5	30.2	489	22
Select	5186SM RIB	STX,B	AC,P5V	111	149.4	27.5	5	28.1	476	24
Mycogen	2V709	STX,B	CM,C2	110	148.9	27.6	1	28.1	474	25
LG Seeds	LG5603STX	STX	AC,P5V	110	144.9	24.2	5	28.1	474	26
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112	144.0	27.5	3	32.2	459	27
Partners Brand	PB 8242VIP3111	3111	CM,C2	112	142.8	26.8	0	24.1	458	28
Steyer	11004VT2PRIB	VT2P,B	CM,C2	110	140.1	25.3	2	30.2	454	29
Beck	XL 6175AMX^ GC	AMX,B	Es,P1V	112	137.8	24.1	2	30.2	451	30
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	134.2	25.8	1	30.2	433	34
Test Average =					<b>160.3</b>	<b>26.1</b>	<b>3</b>	<b>29.6</b>	<b>516</b>	
LSD (0.10) =					31.1	2.0	8			
LSD (0.25) =					21.5	1.4	6			
C.V. =					11.5	4.5				

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

**Test Comments:** *The wet spring conditions resulted in nonuniform stand but the wet spring left no time for a replant. The lodging may have been a little less if not for a combine breakdown Nov 3 that left the test exposed to wind until we could get the combine running again. Stalks were not in good shape as anthracnose, crown rot and some leaf blight were present. Yield results are variable but statistically valid.*

† 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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**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					

2014 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
Beck	XL 5828AM^ GC	AM,AQ,B	Es,P1V	110					
Beck	XL 6175AMX^ GC	AMX,B	Es,P1V	112					
Buckeye	RR9074SSRIB	STX,B	AC,P5V	110					
Dairyland	DS9111RA	STX,B	CM,C2	111					
Dairyland	DS9212RA	STX,B	CM,C2	112					
Dairyland	DS9610	3000GT	CM,C2	110					
Doebblers	RPM 5115AM^ GC	AM,B	MQ,P1V	111					
Doebblers	RPM 629AMXT^ GC	AMXT,B	MQ,P1V	108					
Ebberts	6292VT2P	VT2P	AC,P5	112					
Ebberts	7222VT3PRIB	VT3P,B	AC,P5	112					
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110					
Ebberts	9451SSX	STX	AC,P5V	111					
Great Lakes	6068STXRIB	STX,B	AC,P5V	110					
Great Lakes	6261STX	STX	AC,P5V	112					
Integra	5906GSSRIB	STX,B	AC,P2	109					
Integra	6003-3110	3110	AVC,C5	110					
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109					
LG Seeds	LG5603STX	STX	AC,P5V	110					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
Mycogen	2V709	STX,B	CM,C2	110					
NuTech/G2 Gen	5F-709^	AM,AQ,B	MQ,P5V	109					
NuTech/G2 Gen	5F-811AM^	AM,B	MQ,P5V	111					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110					
Partners Brand	PB 8242VIP3111	3111	CM,C2	112					
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109					
Rupp	xrD11-13	VT2P,B	AC,P2	111					
Rupp	xrJ10-91	STX,B	AC,P5V	110					
Select	4984SM RIB	STX,B	AC,P5V	110					
Select	4995SM RIB	STX,B	AC,P5V	110					
Select	5186SM RIB	STX,B	AC,P5V	111					
Steyer	11004VT2PRIB	VT2P,B	CM,C2	110					
Steyer	11103VT2PRIB	VT2P,B	CM,C2	111					
Steyer	11208VT2PRIB	VT2P,B	CM,C2	112					
TA Seeds	TA625-30	3110	CM,C2	110					
TA Seeds	TA683-13VPRIB	VT3P,B	CM,C2	112					

## 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 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® TRIsect® (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.