

2014 Corn Grain Top 30 Harvest Report

Ohio West Central [OHWC] CELINA
Keith Houtz, Mercer County, OH 45822



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

PREV. CROP/HERB: Soybean / glyphosate
SOIL DESCRIPTION: Sandy clay loam, well drained, minimum w/ fall till, non-irrigated
SOIL CONDITION: Mod. High P, moderate K, 6.8 pH, 2.8% OM
PEST MANAGEMENT: Harness Xtra, Aztec
FERTILITY - Applied N: 15 Planter, 188 Sidedress
Applied N-P-K (units): 203-0-0
SEEDED - RATE - ROW: May 24 35,000 /A 30" spacing
HARVESTED - STAND: Nov 19 31,800 /A

Early-Season Test
105 - 110 Day CRM
B2014OHWC25a

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
Specialty	4611GENVT3PRIB	VT3P,B	AC,P5V	110	219.8	17.3	1	33.5	757	1
LG Seeds	LG5591STXRIB	STX,B	AC,P5V	110	215.8	17.8	2	31.5	740	4
FS InVISION	FS 60ZX1 RIB	STX,B	AC,P5V	110	215.3	17.4	1	33.5	741	3
Steyer	11004GENSS RIB	STX,B	CM,C2	110	214.6	16.5	1	31.5	743	2
Steyer	10803GENSS RIB	STX,B	CM,C2	108	213.2	16.1	1	32.2	740	5
Specialty	36A794	STX,B	AC,P5V	106	208.3	16.0	1	30.9	724	6
Steyer	10904GENSSRIB	STX,B	CM,C2	109	206.7	16.7	1	30.8	715	7
Buckeye	RR9074SSRIB	STX,B	AC,P5V	110	206.2	16.4	1	33.5	714	8
Unity	5608SS-RIB	STX,B	CM,C2	108	206.1	17.8	1	32.2	707	10
Ebberts	6587VT2P	VT2P	AC,P5	107	205.4	16.8	2	33.5	710	9
Buckeye	RR9171VT3PRIB	VT3P,B	AC,P2	110	204.3	16.8	1	30.8	706	11
NuTech/G2 Gen	5Z-510^	OI	MQ,P1V,R	110	203.7	17.0	1	31.5	703	12
FS InVISION	FS 59SX1 RIB	STX,B	AC,P5V	109	202.0	16.6	1	30.9	699	13
Rupp	xrJ10-91	STX,B	AC,P5V	110	201.0	16.6	1	33.5	695	14
Great Lakes	6068STXRIB	STX,B	AC,P5V	110	200.7	16.7	1	30.9	694	15
NuTech/G2 Gen	5D-109^	AMX,B	MQ,P5V	109	198.9	17.0	1	31.5	686	17
LG Seeds	LG5603STX	STX	AC,P5V	110	198.7	16.8	10	33.5	687	16
Beck	XL 5475AMX^	AMX,AQ,B	Es,P1V	108	197.8	16.5	2	31.5	685	18
Ebberts	7909VT3P	VT3P	AC,P5	109	197.5	16.4	1	30.2	684	20
Augusta	A5658GT3000	3000GT	CM,C2	108	197.1	16.2	1	32.2	684	21
Buckeye	RR9184VT2PRIB	VT2P,B	AC,P2	110	196.7	16.7	1	34.9	680	22
Great Lakes	5785VT3PRIB	VT3P,B	AC,P5V	107	195.8	14.8	2	30.8	685	19
LG Seeds	LG2549VT3PRIB	VT3P,B	AC,P5V	109	195.4	16.3	1	31.5	678	23
FS InVISION	FS 57QX1 RIB	STX,B	AC,P5V	107	194.8	17.5	1	28.8	670	24
NK Brand	N59B-3111A	3111A	AVC,C5	107	194.3	17.5	1	30.2	668	25
Buckeye	RR8891SSRIB	STX,B	AC,P5V	109	194.2	17.4	5	32.9	668	26
Great Lakes	5755STXRIB	STX,B	AC,P5V	107	191.7	16.0	1	30.2	666	27
Doebler	RPM 629AMXT^	AMXT,B	MQ,P1V	108	191.7	16.5	6	29.5	664	28
NuTech/G2 Gen	5F-008AM^	AM,AQ,B	MQ,P5V	108	191.5	17.1	2	30.8	660	30
Golden Harvest	G07F23-3111	3111	AVC,C5	107	190.5	16.0	4	29.5	662	29
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	185.0	17.3	2	32.9	637	36
Test Average =					195.4	16.6	2	31.8	676	
LSD (0.10) =					32.7	1.0	6			
LSD (0.25) =					22.7	0.7	4			
C.V. =					12.3	4.6				

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: Overall, this crop was standing good considering the fall we experienced and late harvest date. There were a few plots that were badly lodged which is hard to gather in the combine head on frozen snow covered soil. As a result, yields are more variable than normal. Keith said the cool wet spring conditions spread out planting and the later planting dates did not yield as well as the earlier dates.

† 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: Harness Xtra, Aztec
FERTILITY - Applied N: 15 Planter, 188 Sidedress
Applied N-P-K (units): 203-0-0
SEED - RATE - ROW: May 24 35,000 /A 30" spacing
HARVESTED - STAND: Nov 19 32,600 /A

Full-Season Test

111 - 114 Day CRM
B2014OHWC25b

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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
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112	226.7	20.6	1	34.8	762	2
Great Lakes	6462STXRIB	STX,B	AC,P5V	114	224.5	18.9	0	34.8	764	1
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114	220.9	20.0	0	32.2	746	3
Unity	5512SS-RIB	STX,B	AC,P5V	112	217.8	19.8	1	31.5	736	5
Specialty	42D843	VT2P,B	AC,P5V	112	214.5	18.6	1	32.8	731	6
Specialty	43A834	STX,B	AC,P5V	113	214.4	16.9	1	29.5	740	4
Unity	5514SS-RIB	STX,B	AC,P5V	114	212.3	19.9	0	33.5	717	7
Steyer	11103GENSS RIB	STX,B	CM,C2	111	210.9	19.1	1	31.5	717	8
Specialty	43A703	STX,B	AC,P5V	113	208.5	18.5	1	34.2	712	9
Unity	4814VT2P-RIB	STX,B	CM,C2	114	206.7	20.0	0	33.5	698	12
Ebberts	6292VT2P	VT2P	AC,P5	112	205.8	18.6	1	32.2	702	10
Steyer	11304GENSS RIB	STX,B	CM,C2	113	205.1	18.3	1	31.5	701	11
Rupp	xrD14-01	VT2P,B	AC,P2	114	204.2	19.2	1	31.5	693	15
Augusta	A4564GENSS	STX	AC,P5V	114	203.6	20.0	1	32.8	687	18
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114	202.7	19.1	1	34.2	689	17
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113	202.5	18.4	1	34.2	692	16
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114	201.8	17.3	1	30.8	695	13
Unity	7914-3000GT	3000GT	CM,C2	114	201.3	17.0	1	30.8	694	14
Beck	XL 6175AMX^	AMX,B	Es,P1V	112	197.1	20.7	0	34.2	662	23
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111	196.5	19.2	1	31.5	667	21
Ebberts	7510VT3PRIB	VT3P,B	AC,P5	110	195.8	18.0	1	33.5	671	20
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111	194.0	18.1	1	32.2	664	22
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112	190.9	18.2	1	32.2	653	24
Integra	9642VT3PRO	VT3P	AC,P5	114	188.3	20.0	6	31.5	636	27
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113	187.7	17.9	0	33.5	643	25
Great Lakes	6261STX	STX	AC,P5V	112	187.1	18.9	3	32.2	637	26
Great Lakes	6354VT3PRIB	VT3P,B	AC,P5V	113	185.4	19.8	1	33.5	627	30
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113	185.3	18.4	2	34.2	633	28
Augusta	A5565VT2Pro	VT2P	CM,C1	115	184.9	18.5	1	34.2	631	29
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113	184.7	20.7	0	30.8	620	31
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109	198.7	19.5	1	34.2	673	19
Test Average =					198.0	19.0	1	32.6	673	
LSD (0.10) =					26.3	2.0	ns			
LSD (0.25) =					18.3	1.4	ns			
C.V. =					9.8	7.8				

Rich Schleuning

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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

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Full-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A4564GENSS	STX	AC,P5V	114					
Augusta	A5565VT2Pro	VT2P	CM,C1	115					
Beck	XL 6175AMX^	AMX,B	Es,P1V	112					
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					
FS InVISION	FS 61JX1 RIB	STX,B	AC,P5V	111					
FS InVISION	FS 62SX1 RIB	STX,B	AC,P5V	112					
FS InVISION	FS 63SX1 RIB	STX,B	AC,P5V	113					
FS InVISION	FS 64MX1 RIB	STX,B	AC,P5V	114					
Great Lakes	6261STX	STX	AC,P5V	112					
Great Lakes	6354VT3PRIB	VT3P,B	AC,P5V	113					
Great Lakes	6462STXRIB	STX,B	AC,P5V	114					
Integra	9642VT3PRO	VT3P	AC,P5	114					
LG Seeds	LG2620VT3PRIB	VT3P,B	AC,P5V	113					
LG Seeds	LG5618STXRIB	STX,B	AC,P5V	112					
LG Seeds	LG5638VT2P	VT2P	AC,P5V	114					
NuTech/G2 Gen	3F-814^	AM-R,AQ,B	MQ,P5V	114					
NuTech/G2 Gen	5F-113^	AM,B	MQ,P5V	113					
NuTech/G2 Gen	5Z-111^	OI	MQ,P5V	111					
NuTech/G2 Gen	5Z-713^	OI	MQ,P1V,R	113					
Pioneer	P0987AMX CK	AMX,B	MQ,C2	109					
Rupp	xrD11-13	VT2P,B	AC,P2	111					
Rupp	xrD14-01	VT2P,B	AC,P2	114					
Specialty	42D843	VT2P,B	AC,P5V	112					
Specialty	43A703	STX,B	AC,P5V	113					
Specialty	43A834	STX,B	AC,P5V	113					
Steyer	11103GENSS RIB	STX,B	CM,C2	111					
Steyer	11208VT3PRO RIB	VT3P,B	CM,C2	112					
Steyer	11304GENSS RIB	STX,B	CM,C2	113					
Steyer	11407VT3PRO RIB	VT3P,B	CM,C2	114					
Unity	4814VT2P-RIB	STX,B	CM,C2	114					
Unity	5512SS-RIB	STX,B	AC,P5V	112					
Unity	5514SS-RIB	STX,B	AC,P5V	114					
Unity	7914-3000GT	3000GT	CM,C2	114					

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® 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	Accelaron® 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.