

# 2013 Corn Grain Top 30 Harvest Report

Pennsylvania South East [ PASE ] HANOVER  
Dan Winters, Adams County, PA 17331



Test by: Mid-Atlantic Independent Tech. Svcs., Mt. Hope, PA

PREV. CROP/HERB: Corn / Accent, Banvel, atrazine  
SOIL DESCRIPTION: Silty clay loam, mod. well drained, conventional w/o fall till, non-irrigated  
SOIL CONDITION: Moderate P, high K, 6.8 pH, 3.1% OM  
PEST MANAGEMENT: Lexar, Capture, Credit Extra, Status, Atrazine  
FERTILITY - Applied N: 125 Spring, 50 Side  
Applied N-P-K (units): 175-60-0  
SEEDED - RATE - ROW: May 15 35,500 /A 30" spacing  
HARVESTED - STAND: Oct 24 35,700 /A

**All-Season Test**  
**105 - 115 Day CRM**  
B2013PASE09

**Top 30 of 48**  
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
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	<b>238.8</b>	18.9	0	35.9	968	1
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5	112	<b>229.7</b>	18.0	0	35.0	936	2
Dyna-Gro	CX53VP22	VT3P	AC,P5V	113	227.9	18.2	2	37.3	928	3
TA Seeds	TA614-22DPRIB	VT2P,B	AVC,C2	110	226.5	17.7	0	36.0	925	4
Chemgro	7147RVP	VT3P	AC,P2	111	225.7	18.8	1	36.4	915	5
Mycogen	2V709	STX,B	CM,C2	110	224.4	18.8	0	35.4	910	6
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114	223.6	20.0	0	36.9	900	7
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	222.4	20.2	0	34.3	894	11
Doebblers	RPM 689AMXT^	AMXT,B	MQ,C2	113	221.6	19.9	0	36.6	892	12
Mycogen	2V779	STX,B	CM,C2	112	221.5	19.1	1	35.9	897	8
Augusta	A0720GTCBLL	GT/CB/LL	CE,C2	111	221.1	22.6	0	34.9	876	22
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	220.8	22.1	0	33.3	877	20
Steyer	11103GENSS RIB	STX,B	SStd	111	219.8	20.0	1	36.1	885	14
Mycogen	2C786	STX	CM,C2	114	219.0	21.9	0	37.3	871	23
Chemgro	6947RVP	VT3P	AC,P5V	109	218.4	17.1	3	35.6	895	10
Steyer	10803GENSS RIB	STX,B	SStd	108	218.3	16.7	2	36.8	897	9
Augusta	A4658GT3110	3110	CE,C2	108	218.3	18.3	1	37.4	888	13
Mid-Atlantic	MA5105-3000GT	3000GT	AC,P2	109	217.1	19.1	1	36.2	879	19
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	217.0	18.1	1	36.8	884	15
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	216.3	20.3	0	34.9	869	24
Mycogen	2A749	STX,B	CM,C2	111	216.2	18.1	0	34.6	880	17
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114	215.4	21.8	0	37.3	857	28
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	215.3	21.7	1	36.4	857	29
Mycogen	2V717	STX,B	CM,C2	111	215.2	17.9	9	35.4	877	21
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	215.1	16.8	0	36.4	883	16
Doebblers	RPM 603XRR^	RR2	MQ,C2	108	214.6	17.0	1	37.0	880	18
Dekalb	DKC62-08RIB GC	STX,B	AC,P5	112	214.6	19.3	2	30.7	868	26
TA Seeds	TA683-13VP	VT3P	AVC,C2	112	213.1	18.6	1	36.4	865	27
Doebblers	698GRQ	3000GT	MQ,C2	114	213.1	20.6	0	35.9	855	30
Hubner	H5420VT3P	VT3P	AC,P5V	110	212.8	17.6	0	37.4	869	25

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Test Average = **214.2** **19.5** **1** **35.7** **865**  
LSD (0.10) = 14.7 1.0 ns  
C.V. = 5.1 3.9

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price =  $\frac{\$4.15}{n/a}$  Local GMO non-GMO

**Test Comments:** *Conventional tillage and good soil moistures and temperatures helped for an above average emergence. Corn continued to look good throughout the summer. Dry weather came in late August and September which allowed for excellent crop drydown. No major weather issues made for a timely and efficient harvest. Overall rating of the plot is 8 out of 10.*

† 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

Additional reports and searchable database available at [www.firstseedtests.com](http://www.firstseedtests.com)

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Report date: 10/27/2013 Revised:

2013 Corn Grain - Pennsylvania South East [ PASE ]



**All-Season Test Products (48 Total)**

Company/Brand	Product/Brand	Technol.	Seed Trt	RM	Company/Brand	Product/Brand	Technol.	Seed Trt	RM
Augusta	A0606GTCBLL	GT/CB/LL	CE,C2	111	TA Seeds	TA614-22DPRIB	VT2P,B	AVC,C2	110
Augusta	A0720GTCBLL	GT/CB/LL	CE,C2	111	TA Seeds	TA683-13VP	VT3P	AVC,C2	112
Augusta	A4564GENSS	STX	M,D,P5	114	TA Seeds	TA744-22DPRIB	VT2P,B	AVC,C2	114
Augusta	A4658GT3110	3110	CE,C2	108					
Augusta	A5565VT3Pro	VT3P	M,D,P5	114					
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108					
Chemgro	6947RVP	VT3P	AC,P5V	109					
Chemgro	7147RVP	VT3P	AC,P2	111					
Chemgro	7537RVP	VT3P	AC,P2	115					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5	112					
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5	112					
Doebblers	698GRQ	3000GT	MQ,C2	114					
Doebblers	RPM 589AMXT^	AMXT,B	MQ,C2	107					
Doebblers	RPM 603XRR^	RR2	MQ,C2	108					
Doebblers	RPM 633HXR^	HX,RR2	MQ,C2	110					
Doebblers	RPM 647AM1^	AM1,B	MQ,C2	110					
Doebblers	RPM 657AM^	AM,B	MQ,P1V	112					
Doebblers	RPM 689AMXT^	AMXT,B	MQ,C2	113					
Dyna-Gro	CX53VP22	VT3P	AC,P5V	113					
Dyna-Gro	D52VC91	VT2P	AC,P5V	112					
Dyna-Gro	D55VP77	VT3P	AC,P5V	115					
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114					
Hubner	H4744RC2P	VT2P,B	AC,P5V	113					
Hubner	H5420VT3P	VT3P	AC,P5V	110					
Hubner	H6615RCSS	STX,B	AC,P5V	111					
Hubner	H6844RCSS	STX,B	AC,P5V	115					
Mid-Atlantic	MA5105-3000GT	3000GT	AC,P2	109					
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109					
Mid-Atlantic	MA8102VT3P	VT3P	AC,P2	110					
Mid-Atlantic	MA8127VT3P	VT3P	AC,P2	112					
Mycogen	2A749	STX,B	CM,C2	111					
Mycogen	2C786	STX	CM,C2	114					
Mycogen	2V709	STX,B	CM,C2	110					
Mycogen	2V717	STX,B	CM,C2	111					
Mycogen	2V779	STX,B	CM,C2	112					
Pioneer	P0891AM1 GC	AM1,B	CM,C2	108					
Pioneer	P0965R GC	RR2	CM,C2	109					
Steyer	10803GENSS RIB	STX,B	SStd	108					
Steyer	11004GENSS RIB	STX,B	SStd	110					
Steyer	11103GENSS RIB	STX,B	SStd	111					
Steyer	11203-3000GT	3000GT	SStd	112					
Steyer	11304GENSS RIB	STX,B	SStd	113					
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114					
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114					
TA Seeds	TA583-28RIB	STX,B	AVC,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. 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.