

# 2013 Corn Grain Top 30 Harvest Report

Pennsylvania South East [ PASE ] ELVERSON  
Dave Mast, Chester County, PA 19520



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

PREV. CROP/HERB: Soybean / glyphosate  
SOIL DESCRIPTION: Silt loam, moderately drained, no-till, non-irrigated  
SOIL CONDITION: Mod. High P, mod. high K, 6.5 pH, 3.5% OM  
PEST MANAGEMENT: Gramoxone, Lexar, 2,4-D, Roundup, Peak  
FERTILITY - Applied N: 65 Spring, 19 Planter, 98 Side  
Applied N-P-K (units): 182-104-180  
SEDED - RATE - ROW: May 2 33,600 /A 30" spacing  
HARVESTED - STAND: Oct 17 30,700 /A

**All-Season Test**  
**105 - 115 Day CRM**  
B2013PASE10

**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
Augusta	A0720GTCBLL	GT/CB/LL	CE,C2	111	<b>269.7</b>	28.0	0	31.9	1,086	2
Chemgro	7147RVP	VT3P	AC,P2	111	<b>262.6</b>	22.4	0	31.4	1,094	1
Mid-Atlantic	MA5105-3000GT	3000GT	AC,P2	109	<b>258.1</b>	24.3	0	32.5	1,063	3
Hubner	H4744RC2P	VT2P,B	AC,P5V	113	255.6	25.4	0	30.9	1,045	4
Doebler	698GRQ	3000GT	MQ,C2	114	253.4	27.8	0	32.7	1,021	7
FS InVISION	FS 64R46SS	STX,B	AC,P5V	114	249.6	25.7	0	30.6	1,019	10
Mid-Atlantic	MA8099VT3P	VT3P	AC,P2	109	249.4	23.8	0	31.5	1,030	6
Steyer	11504VT2PRO RIB	VT2P,B	SStd	114	249.4	25.4	0	33.3	1,020	9
Augusta	A4564GENSS	STX	M,D,P5	114	249.2	26.3	0	30.2	1,014	13
Chemgro	7537RVP	VT3P	AC,P2	115	248.5	22.0	0	32.1	1,037	5
Steyer	11407VT3PRO RIB	VT3P,B	SStd	114	247.6	26.0	0	27.0	1,009	15
TA Seeds	TA683-13VP	VT3P	AVC,C2	112	246.6	24.5	0	28.0	1,014	14
Doebler	RPM 657AM^	AM,B	MQ,P1V	112	245.7	23.7	0	30.0	1,015	11
Doebler	RPM 633HXR^	HX,RR2	MQ,C2	110	245.5	24.8	0	31.6	1,008	16
Augusta	A5565VT3Pro	VT3P	M,D,P5	114	244.9	25.2	0	28.8	1,003	17
Dekalb	DKC62-97RIB GC	VT3P,B	AC,P5	112	244.7	23.1	0	32.9	1,015	12
Augusta	A4658GT3110	3110	CE,C2	108	244.3	25.6	1	30.4	998	19
TA Seeds	TA614-22DPRIB	VT2P,B	AVC,C2	110	243.0	21.0	12	33.2	1,021	8
Doebler	RPM 689AMXT^	AMXT,B	MQ,C2	113	243.0	25.5	1	30.4	993	20
Dyna-Gro	CX53VP22	VT3P	AC,P5V	113	240.0	24.3	0	24.3	988	22
Doebler	RPM 603XRR^	RR2	MQ,C2	108	238.4	20.9	0	33.7	1,002	18
Dyna-Gro	D52VC91	VT2P	AC,P5V	112	237.8	24.9	0	30.0	976	25
Doebler	RPM 589AMXT^	AMXT,B	MQ,C2	107	236.9	21.5	0	32.0	992	21
Dyna-Gro	D55VP77	VT3P	AC,P5V	115	236.1	24.6	0	27.9	970	28
Hubner	H5420VT3P	VT3P	AC,P5V	110	235.7	24.0	3	34.2	972	27
TA Seeds	TA583-28RIB	STX,B	AVC,C2	108	235.6	21.3	1	31.7	988	23
Augusta	A5658GTCBLL	GT/CB/LL	CE,C2	108	234.4	22.7	4	34.3	975	26
Pioneer	P0891AM1 GC	AM1,B	CM,C2	108	233.4	21.6	0	31.4	977	24
Pioneer	P0965R GC	RR2	CM,C2	109	233.3	22.8	1	31.7	969	29
Chemgro	6947RVP	VT3P	AC,P5V	109	230.1	21.5	0	30.3	964	30

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Test Average = **237.3** **24.5** **1** **30.7** **976**  
LSD (0.10) = 20.1 1.8 ns  
C.V. = 6.2 5.4

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.35 Local GMO  
n/a non-GMO

**Test Comments:** Growing conditions were excellent for most the season. Only dry weather came the first two weeks of June. Some gray leaf spot and Anthracnose but not severe enough to cause any lodging problems. The only drawback to this plot were some inconsistent stands, possibly some wetter soils right after planting. Overall rating of this plot is 7 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

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Report date: 10/18/2013 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.