

**2017 Corn Grain Top 30 Harvest Report**  
 Pennsylvania Central [ PACE ] NORTHUMBERLAND  
 Scott Shoop, Northumberland County, PA 17847



PREV. CROP/HERB: Soybean / glyphosate  
 SOIL DESCRIPTION: Silt loam, mod. well drained, non-irrigated  
 SOIL CONDITION: No-till, very high P, high K, 6.2 pH, 2.3% OM, 7.3 CEC  
 PEST MANAGEMENT: Glyphosate, Capreno, Atrazine, Lorsban  
 FERTILITY - Applied N: 115 Spring, 115 Planter  
 Applied N-P-K (units): 230-15-0  
 SEEDING - RATE - ROW: Jun 2 34,000 /A 30" spacing  
 HARVESTED - STAND: Nov 20 34,200 /A

**All-Season Test**  
**99 - 109 Day CRM**  
 B2017PACE02

**Top 30 of 30**  
 For Gross Income (Sorted by Yield)  
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	RM	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Pioneer	P0843AM GC	AM,B	108	<b>267.8</b>	24.2	0	34.3	983	2
Mid-Atlantic	MA8034VT2P	VT2P	103	<b>261.1</b>	20.1	2	33.6	985	1
Augusta	A1156GENSS	STX	106	<b>259.1</b>	20.9	1	34.6	972	3
Mid-Atlantic	MA8086VT2P	VT2P	108	258.1	23.2	4	35.2	954	9
Viking	49-09	None	109	257.9	21.9	1	35.2	961	6
Dyna-Gro	D45SS65	STX	105	257.5	20.8	3	34.7	967	4
Viking	13-07	None	107	256.3	20.7	1	33.0	963	5
Pioneer	P0574AM GC	AM,B	105	254.9	21.2	3	33.8	955	8
Hubner	H6394RCSS	STX,B	108	254.9	26.3	0	35.4	922	16
Dyna-Gro	D47VC29	VT2P	107	254.3	21.0	2	35.1	954	10
Mid-Atlantic	MA8063VT2P	VT2P	106	253.4	20.0	3	35.6	957	7
Dekalb	DKC57-99RIB GC	VT2P,DG,B	107	251.5	19.9	4	34.2	950	11
Chemgro	6469RSX	STX,B	104	250.3	22.0	0	34.6	932	13
Hubner	H6257RCSS	STX,B	104	249.3	21.9	1	34.8	929	14
Doebler	RPM 4318AMXT^	AMXT,B	103	248.7	20.2	3	31.9	938	12
Doebler	RPM 4417AMXT^	AMXT,B	104	247.2	21.4	3	35.1	925	15
Hubner	H5490RC3P	VT3P,B	110	246.7	25.1	0	34.8	900	18
Mid-Atlantic	<i>MA8091VT2P</i>	<i>VT2P</i>	<i>109</i>	<i>246.2</i>	<i>29.1</i>	<i>3</i>	<i>34.2</i>	<i>873</i>	<i>24</i>
Mid-Atlantic	MA8092VT2P	VT2P	109	246.0	26.1	0	33.8	891	20
Augusta	A1256GENSS	STX	106	244.6	21.3	1	34.1	915	17
Chemgro	6985RDP	VT2P	109	244.5	26.5	1	34.8	883	22
Doebler	RPM 4917AM^	AM,B	109	243.0	24.5	0	34.7	890	21
T.A. Seeds	TA547-22DPRIB	VT2P,B	106	238.0	20.1	3	33.0	898	19
Augusta	A4758VT2Pro	VT2P	108	235.9	22.3	6	33.6	877	23
Dekalb	DKC60-87RIB GC	STX,B	110	235.1	25.8	2	33.4	853	27
Augusta	A1159GTCBLL	3010	109	232.3	23.7	1	35.1	855	26
Doebler	RPM 4115AMXT^	AMXT,AQ,B	101	231.7	20.5	2	34.7	872	25
Chemgro	6859V3	3111	108	230.4	26.7	0	32.9	831	29
Augusta	A4759GT3111	3111	109	228.9	26.4	1	32.9	827	30
T.A. Seeds	TA536-28RIB	STX,B	104	227.9	23.0	0	34.3	843	28

*Robin Kauffman*

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Averages =	<b>247.1</b>	<b>22.9</b>	<b>2</b>	<b>34.2</b>	<b>915</b>
LSD (0.10) =	11.3	1.0	2		
LSD (0.25) =	5.9	0.5	1		
C.V. =	4.3	Prev. years average yield, 195.5 bu/a, 12 yrs			

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.90; non-GMO = \$3.90

**Test Comments:** *Wet spring delayed planting but corn looked great coming out of the ground. Most of the summer had adequate rainfall except for a time in late August, early September. Disease was not an issue and corn was standing at harvest time. Overall rating of the plot is 9 out of 10. (10=best)*

† 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: 11/21/2017 Revised:

2017 Corn Grain - Pennsylvania Central [ PACE ]



All-Season Test Products (30 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1156GENSS	STX	AC,P5V	106					
Augusta	A1159GTCBLL	3010	AVC,C5	109					
Augusta	A1256GENSS	STX	AC,P2	106					
Augusta	A4758VT2Pro	VT2P	CM,C1	108					
Augusta	A4759GT3111	3111	CM,C2	109					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6859V3	3111	CM,C2,Vi	108					
Chemgro	6985RDP	VT2P	AC,P2	109					
Dekalb	DKC57-99RIB GC	VT2P,DG,B	AC,P5V	107					
Dekalb	DKC60-87RIB GC	STX,B	AC,P5V	110					
Doebler	RPM 4115AMXT^	AMXT,AQ,B	MQ,P1V,In	101					
Doebler	RPM 4318AMXT^	AMXT,B	MQ,P1V,In	103					
Doebler	RPM 4417AMXT^	AMXT,B	MQ,P1V,In	104					
Doebler	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Dyna-Gro	D45SS65	STX	AC,P5V	105					
Dyna-Gro	D47VC29	VT2P	AC,P5V	107					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H6257RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Mid-Atlantic	MA8034VT2P	VT2P	AC,P5V	103					
Mid-Atlantic	MA8063VT2P	VT2P	AC,P5V	106					
Mid-Atlantic	MA8086VT2P	VT2P	AC,P5V	108					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P5V	109					
Mid-Atlantic	MA8092VT2P	VT2P	AC,P5V	109					
Pioneer	P0574AM GC	AM,B	MQ,P1V	105					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
T.A. Seeds	TA536-28RIB	STX,B	AVC,C5	104					
T.A. Seeds	TA547-22DPRIB	VT2P,B	AVC,C5	106					
Viking	13-07	None	CM,C2	107					
Viking	49-09	None	CM,C2	109					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst™ and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech™ brand seed is distributed by Rob-See-Co, LLC. RPM <sup>®</sup> brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX <sup>®</sup> brand seed is distributed by Seed Consultants, Inc. VPMaxx <sup>®</sup> brand seed is distributed by AgVenture, Inc. XL <sup>®</sup> and Phoenix <sup>®</sup> brand seed is distributed by Beck's Superior Hybrids. Curry <sup>®</sup> , G2 <sup>®</sup> , HPT <sup>®</sup> , Power Plus <sup>®</sup> , RPM <sup>®</sup> , Supreme EX <sup>®</sup> , VPMaxx <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix <sup>®</sup> are trademarks of Syngenta.
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 <sup>®</sup> 3000GT (CB,RW,LL,GT)	GT	Agrisure <sup>®</sup> GT
3010	Agrisure <sup>®</sup> 3010 (CB,LL,GT)	HX	Herculex <sup>®</sup> 1, contains LL
3011,A	Agrisure <sup>®</sup> Artesian <sup>®</sup> (CB,RW,LL,GT)	HXRW	Herculex <sup>®</sup> Rootworm, contains LL
3110	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3110 (Vip, CB,LL,GT)	HXT	Herculex <sup>®</sup> Xtra (HX,HXRW,LL)
3111	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink <sup>®</sup>
3120	Agrisure <sup>®</sup> 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure <sup>®</sup> 3122 (CB,HXX,RW,LL,GT)	OI	Optimum <sup>®</sup> Intrasect <sup>®</sup> , YHR (YGCB,HX,LL,RR2)
3220	Agrisure <sup>®</sup> Viptera <sup>®</sup> 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure <sup>®</sup> Artesian <sup>®</sup>	OIXT	Optimum <sup>®</sup> Intrasect <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum <sup>®</sup> AcreMax <sup>®</sup> (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIsect (HX,RW,LL,RR2)	RR2	Roundup Ready <sup>®</sup> 2 Corn
AMX	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure <sup>®</sup> Rootworm
AMXT	Optimum <sup>®</sup> AcreMax <sup>®</sup> Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax <sup>®</sup> (VT3P,HXT,RR2,LL)
AQ	Optimum <sup>®</sup> AQUAMax <sup>®</sup>	VT2P	Genuity <sup>®</sup> VT Double PRO <sup>®</sup>
B	Refuge Blend	VT3P	Genuity <sup>®</sup> VT Triple PRO <sup>®</sup>
CB	Agrisure <sup>®</sup> Corn Borer	YGCB	YieldGard <sup>®</sup> Corn Borer
DG	Genuity <sup>®</sup> DroughtGard <sup>®</sup>		

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

### Corn Seed Treatments\*\*

?	information unavailable	In	Intego™ Solo
A	Allegiance <sup>®</sup>	L	Lorsban <sup>®</sup>
AC	Acceleron <sup>®</sup> fungicide products	Lu	Lumivia™
AL2500	Alert 2500™	M	Maxim XL <sup>®</sup>
At	Actellic <sup>®</sup>	MQ	Maxim Quattro <sup>®</sup>
AVC	Avicta <sup>®</sup> Complete Corn	None	untreated
C2, C5, C1	Cruiser <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively	P2, P5, P1	Poncho <sup>®</sup> at 0.25, 0.5 and 1.25 mg ai/seed, respectively
CE	Cruiser Extreme <sup>®</sup>	R	Raxil <sup>®</sup>
CM	CruiserMaxx <sup>®</sup> Corn	SC	SHIELDCoat™
D	Dynasty <sup>®</sup>	V	Votivo <sup>®</sup>
Es	Escalate <sup>®</sup>	Vi	Vibrance <sup>®</sup>

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