

## 2017 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [ PASE ] LANCASTER  
John Conley, Lancaster County, PA



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

PREV. CROP/HERB: Corn, 2+ Yr  
SOIL DESCRIPTION: Silty clay loam, moderately drained, non-irrigated  
SOIL CONDITION: No-till,  
PEST MANAGEMENT: Glyphosate, Capreno, Atrazine, Quilt  
FERTILITY - Applied N: 75 Spring, 85 Planter, 98 Sidedress  
Applied N-P-K (units): 258-130-175  
SEEDING - RATE - ROW: May 3 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 27 32,200 /A

**All-Season Test**  
**105 - 115 Day CRM**  
B2017PASE08

**Top 30 of 36**  
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
Augusta	A5162GT3000	3000GT	112	<b>298.4</b>	21.0	3	34.7	1,131	1
Doebler	RPM 5518AM^	AM,B	115	<b>296.3</b>	21.5	4	32.9	1,119	3
Doebler	RPM 5018AM^	AM,B	110	<b>295.6</b>	20.1	5	32.3	1,127	2
Dekalb	DKC61-88RIB GC	VT3P,B	111	281.0	20.4	6	30.7	1,069	4
Viking	49-09	None	109	278.0	19.6	15	31.8	1,063	5
Hubner	H5490RC3P	VT3P,B	110	277.2	20.8	1	30.6	1,052	6
Augusta	A4759GT3111	3111	109	273.8	20.1	12	32.0	1,044	7
Doebler	RPM 5125AM^	AM,B	111	269.1	20.2	1	35.0	1,025	8
Mid-Atlantic	MA8091VT2P	VT2P	109	266.2	20.9	2	31.4	1,010	10
Dyna-Gro	D55VC45	VT2P	115	265.9	21.7	2	31.6	1,003	11
Augusta	A1161VT2Pro	VT2P	111	264.4	19.2	20	32.8	1,014	9
Doebler	RPM 4917AM^	AM,B	109	262.3	20.4	2	30.3	998	12
Mid-Atlantic	MA8147SS	STX	114	261.8	20.3	11	34.2	997	13
Mycogen	2C799	STX,B	113	261.3	21.7	6	33.8	986	16
Pioneer	P0843AM GC	AM,B	108	259.5	20.5	6	32.9	987	15
Dekalb	DKC62-08RIB GC	STX,B	112	259.2	19.4	5	30.7	993	14
Hubner	H6663RCSS	STX,B	113	259.1	22.4	5	34.3	973	19
Pioneer	P1197AM GC	AM,B	111	257.0	21.1	12	33.3	973	20
Viking	42-05	None	105	256.0	19.0	10	34.1	983	17
Dyna-Gro	D52SS63	STX	112	254.6	19.4	4	33.3	975	18
Hubner	H6394RCSS	STX,B	108	254.5	20.4	7	31.4	968	21
Viking	53-12	None	112	252.5	20.6	15	31.4	960	23
Hubner	H6755RCSS	STX,B	114	252.3	21.4	10	32.5	954	25
Viking	13-07	None	107	252.1	19.2	26	32.0	967	22
Mid-Atlantic	MA8144VT2P	VT2P	114	251.8	20.4	3	33.6	958	24
Mycogen	MY12G35RA	PC,B	112	251.1	20.7	3	34.1	954	26
Chemgro	6875RDD	VT2P,DG,B	108	249.3	19.9	8	31.5	952	27
Chemgro	7185RDP	VT2P,B	111	244.0	18.5	5	29.9	940	28
T.A. Seeds	TA618-22DPRIB	VT2P,B	110	243.6	20.6	4	31.1	926	29
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	240.7	20.0	5	33.0	918	30

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Averages = **258.8** **20.4** **8** **32.2** **985**

LSD (0.10) = 22.3 ns ns

LSD (0.25) = 11.7 ns ns

C.V. = 8.1 New test site, no yield history

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$3.94; non-GMO = \$3.94

**Test Comments:** *Good soil moisture gave excellent emergence and conditions looked good all growing season. Some late season anthracnose caused some stalk breakage but harvestability was minimally affected. Overall rating of the plot was a 7 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: 10/30/2017 Revised:

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All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1161VT2Pro	VT2P	AC,P5	111					
Augusta	A4759GT3111	3111	CM,C2	109					
Augusta	A5065	None	AC,P5	115					
Augusta	A5162GT3000	3000GT	AVC,C5	112					
Augusta	A6664VT2Pro	VT2P	CM,C2	114					
Chemgro	6875RDD	VT2P,DG,B	AC,P2	108					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
Chemgro	7275RDD	VT2P,DG,B	AC,P2	112					
Dekalb	DKC61-88RIB GC	VT3P,B	AC,P2	111					
Dekalb	DKC62-08RIB GC	STX,B	AC,P5V	112					
Doebler	RPM 4917AM^	AM,B	MQ,P1V,In	109					
Doebler	RPM 5018AM^	AM,B	MQ,P1V,In	110					
Doebler	RPM 5125AM^	AM,B	MQ,P1V,In	111					
Doebler	RPM 5518AM^	AM,B	MQ,P1V,In	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Hubner	H5490RC3P	VT3P,B	AC,P5V	110					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Hubner	H6755RCSS	STX,B	AC,P5V	114					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P5V	109					
Mid-Atlantic	MA8107VT2P	VT2P,B	AC,P5V	110					
Mid-Atlantic	MA8144VT2P	VT2P	AC,P5V	114					
Mid-Atlantic	MA8146VT3P	VT3P	AC,P5V	114					
Mid-Atlantic	MA8147SS	STX	AC,P5V	114					
Mid-Atlantic	MA8152VT2P	VT2P	AC,P5V	115					
Mycogen	2C799	STX,B	CM,C5,Vi,In	113					
Mycogen	MY12G35RA	PC,B	CM,C5,Vi,In	112					
Pioneer	P0843AM GC	AM,B	MQ,C2,Lu	108					
Pioneer	P1197AM GC	AM,B	MQ,C2	111					
T.A. Seeds	TA618-22DPRIB	VT2P,B	AVC,C5	110					
T.A. Seeds	TA736-22DPRIB	VT2P,B	AVC,C5	113					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	49-09	None	CM,C2	109					
Viking	53-12	None	CM,C2	112					

## 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. VPMa <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> , VPMa <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.