

# 2018 Corn Grain Top 30 Harvest Report

Pennsylvania Southeast [ PASE ] LEBANON  
Steve Wenger, Lebanon County, PA 17042



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

PREV. CROP/HERB: Corn, 2+ Yr / Bicep II Magnum, Capreno, atrazine  
SOIL DESCRIPTION: Silt loam, moderately drained, non-irrigated  
SOIL CONDITION: Conventional w/o fall till, very high P, very high K, 5.6 pH, 4.4% OM, 12.7 CEC  
PEST MANAGEMENT: Bicep II Magnum, Capture, Capreno, atrazine  
FERTILITY - Applied N: 126 Spring, 102 Planter  
Applied N-P-K (units): 228-150-106  
SEEDING - RATE - ROW: May 1 34,000 /A 30" spacing  
HARVESTED - STAND: Oct 10 34,000 /A

**All-Season Test**  
**105 - 115 Day CRM**  
B2018PASE07

## Top 30 of 42

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
Hubner	H6663RCSS	STX,B	113	261.2	21.8	0	35.0	985	1
Dyna-Gro	D52SS63	STX	112	253.8	21.2	0	35.1	961	2
Hubner	H6755RCSS	STX,B	114	253.2	21.2	1	34.1	958	3
Doebler	RPM 5018AM	AM,B	110	249.1	20.8	0	34.1	945	5
Viking	42-05	None	105	247.0	19.3	1	33.8	947	4
Doebler	RPM 4919AM	AM	109	243.4	18.9	1	33.9	935	6
Mid-Atlantic	MA8091VT2P	VT2P	109	240.9	20.4	3	35.2	917	8
Viking	13-07	None	107	240.0	19.0	1	34.2	922	7
Hubner	H6394RCSS	STX,B	108	237.5	19.4	1	33.9	910	9
Chemgro	7185RDP	VT2P,B	111	235.3	20.4	0	34.8	895	10
Seed Consultants	SCS 1139AM	AM,B	113	230.5	21.5	0	34.3	871	15
Augusta	A4463VT2Pro	VT2P	112	230.3	19.4	1	34.6	882	11
Mid-Atlantic	MA8074VT2P	VT2P	107	230.2	19.3	1	34.2	882	12
Mid-Atlantic	MA8132VT2P	VT2P	113	230.2	20.4	0	33.3	876	13
Mid-Atlantic	MA8107VT2P	VT2P	110	229.0	20.0	9	33.9	874	14
Augusta	A1165VT2ProRIB	VT2P,B	115	228.5	21.7	0	34.7	862	16
Dyna-Gro	D55VC45	VT2P	115	227.0	20.8	0	33.9	861	17
Seed Consultants	SCS 1098YHR	OI	109	224.9	20.8	0	34.8	853	20
Doebler	RPM 4917AM	AM,B	109	223.5	20.5	0	33.9	850	21
Chemgro	7095RDP	VT2P	110	223.3	19.3	1	34.3	856	19
Doebler	RPM 4219AM	AM	102	223.2	19.0	2	33.6	857	18
Seed Consultants	SCS 1158YHR	OI	115	222.3	21.5	0	33.3	840	23
Local Seed Co.	LC1289VT2P	VT2P,B	112	221.9	20.9	0	33.7	842	22
Chemgro	6875RDP	VT2P,DG,B	108	215.1	18.9	1	34.8	827	24
Hubner	H6287RCSS	STX,B	104	214.7	18.7	1	33.2	826	25
Seed Consultants	SCS 1105YHR	OI	110	214.4	18.8	0	34.1	824	26
Local Seed Co.	LC1349VT2P	VT2P,B	113	211.4	21.1	1	34.3	801	27
Doebler	RPM 5518AM	AM,B	115	208.9	20.8	2	33.7	793	28
NK Brand	NK1573-3110	3110	115	207.8	24.0	0	33.9	772	29
Pioneer	P1422AMXT GC	AMXT,B	114	203.2	21.6	0	34.5	767	30

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Averages =	215.6	20.5	1	34.0	820
LSD (0.10) =	21.4	1.0	2		
LSD (0.25) =	11.2	0.5	1		
C.V. =	9.4			Prev. years average yield, 197.4 bu/a, 15 yrs	

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

**Test Comments:** Good planting conditions. Late June through mid-July delivered the only heat and drought stress for the year. Some products did not pollinate very well. The remainder of the growing season was wet. Overall rating of this test is 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: 10/13/2018 Revised:

2018 Corn Grain - Pennsylvania Southeast [ PASE ]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1165VT2ProRIB	VT2P,B	AC,P1V	115					
Augusta	A1166VT2Pro	VT2P	AC,P1V	116					
Augusta	A4463VT2Pro	VT2P	AC,P5V	112					
Augusta	A4465GT3111	3111	AVC,C5	114					
Augusta	A5065GTCBLL	3010	CM,C1	115					
Augusta	A5162GT3000	3000GT	CM,C2	112					
Augusta	A6664VT2Pro	VT2P	CM,C1	114					
Chemgro	6875RDP	VT2P,DG,B	AC,P2	108					
Chemgro	7095RDP	VT2P	AC,P2	110					
Chemgro	7185RDP	VT2P,B	AC,P2	111					
De Dell Seeds	DL 7250	None	MQ	111					
Doebblers	RPM 4219AM	AM	MQ,P1V,R	102					
Doebblers	RPM 4917AM	AM,B	MQ,P1V,R	109					
Doebblers	RPM 4919AM	AM	MQ,P1V,R	109					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Doebblers	RPM 5518AM	AM,B	MQ,P1V,R	115					
Dyna-Gro	D52SS63	STX	AC,P5V	112					
Dyna-Gro	D55VC45	VT2P	AC,P5V	115					
Hubner	H6287RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Hubner	H6663RCSS	STX,B	AC,P5V	113					
Hubner	H6755RCSS	STX,B	AC,P5V	114					
Local Seed Co.	LC1289VT2P	VT2P,B	CM,C2	112					
Local Seed Co.	LC1349VT2P	VT2P,B	CM,C2	113					
Local Seed Co.	LC1487	None	CM,C2	114					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
Mid-Atlantic	MA8107VT2P	VT2P	AC,P2	110					
Mid-Atlantic	MA8132VT2P	VT2P	AC,P2	113					
NK Brand	NK1284-3220-EZR	3220,B	AVC,C5,Vi	112					
NK Brand	NK1573-3110	3110	AVC,C5,Vi	115					
Pioneer	P1422AMXT GC	AMXT,B	MQ,C2,R,Lu	114					
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	CM,C2,R	100					
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108					
Seed Consultants	SCS 1098YHR	OI	MQ,P1V,R	109					
Seed Consultants	SCS 1105YHR	OI	MQ,P1V,R	110					
Seed Consultants	SCS 1125YHR	OI	MQ,P1V	112					
Seed Consultants	SCS 1139AM	AM,B	MQ,P1V,R	113					
Seed Consultants	SCS 1158YHR	OI	MQ,P1V,R	115					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	48-08	None	AC,P5V	108					

## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
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)	E	Enlist™ (2,4-D, glyphosate, fop herbicide tolerance)
3010	Agrisure® 3010 (CB,LL,GT)	GT	Agrisure® GT
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3120	Agrisure® 3120 (CB,HX,LL,GT)	LL	LibertyLink®
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	None	conventional corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
A	Agrisure® Artesian®	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RW	Agrisure® Rootworm
AQ	Optimum® AQUAMax®	STX	SmartStax® (VT3P,HXT,RR2,LL)
B	Refuge blend product	VT2P	Genuity® VT Double PRO®
CB	Agrisure® Corn Borer	VT3P	Genuity® VT Triple PRO®
DG	Genuity® DroughtGard®	YGCB	YieldGard® Corn Borer

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

### Corn Seed Treatments\*\*

?	information not provided	Lu	Lumivia™
A	Allegiance®	M	Maxim XL®
AC	Acceleron® fungicide products	MQ	Maxim Quattro®
AL2500	Alert 2500	None	untreated
At	Actellic®	P2, P5, P1	Poncho® at 0.25, 0.5 and 1.25 mg ai/seed, respectively
AVC	Avicta® Complete Corn	R	Raxil®
C2, C5, C1	Cruiser® at 0.25, 0.5 and 1.25 mg ai/seed, respectively	Sa	Sativa™
CE	Cruiser Extreme®	Se	Sebring™
CM	CruiserMaxx® Corn	Sn	Senator™
D	Dynasty®	Sp	Spirato™
Es	Escalate®	SC	SHIELDCoat™
HC	Hefty Complete	V	Votivo®
In	Intego™ Solo	Vi	Vibrance®
L	Lorsban®		

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