

# 2018 Corn Grain Top 30 Harvest Report

Pennsylvania Central [ PACE ] DANVILLE  
Rich & Stan Crone, Montour County, PA 17821



PREV. CROP/HERB: Corn / Acuron  
SOIL DESCRIPTION: Silt loam, moderately drained, non-irrigated  
SOIL CONDITION: No-till, very high P, very high K, 6 pH, 3.2% OM, 8.3 CEC  
PEST MANAGEMENT: glyphosate, Brawl ATZ, Capture, Capreno, atrazine, Trivapro  
FERTILITY - Applied N: 135 Planter, 81 Sidedress  
Applied N-P-K (units): 216-14-205  
SEDED - RATE - ROW: May 30 34,000 /A 30" spacing  
HARVESTED - STAND: Dec 1 33,000 /A

**All-Season Test**  
**99 - 109 Day CRM**  
B2018PACE03

## 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
Doebler	RPM 5018AM	AM,B	110	<b>252.7</b>	20.9	4	33.7	1,042	1
Seed Consultants	SCS 1087YHR	OI	108	<b>247.3</b>	20.9	1	33.3	1,019	2
Pioneer	P0977AM GC	AM,B	109	<b>224.4</b>	20.7	10	33.2	926	4
Seed Consultants	SCS 1018YHR	OI,AQ	101	<b>222.9</b>	19.0	5	33.6	929	3
Mid-Atlantic	MA8091VT2P	VT2P	109	<b>222.0</b>	26.5	31	33.3	884	8
Viking	42-05	None	105	<b>219.4</b>	21.0	6	33.4	904	5
Hubner	H6394RCSS	STX,B	108	<b>216.4</b>	19.3	2	33.4	901	6
Seed Consultants	SCS 10HR43	HX,RR2	104	<b>214.5</b>	20.3	2	32.9	887	7
Doebler	RPM 4018AMXT	AMXT,AQ,B	100	<b>209.0</b>	17.9	1	33.6	877	9
Mid-Atlantic	MA8034VT2P	VT2P	103	<b>207.8</b>	17.4	6	32.7	875	10
Dyna-Gro	D47SS29RIB	STX,B	106	<b>205.5</b>	17.7	13	33.3	864	11
Doebler	RPM 4219AM	AM	102	<b>203.8</b>	20.7	1	32.9	841	13
Augusta	A1156VT2Pro	VT2P	106	203.2	17.8	11	33.7	853	12
Seed Consultants	SCS 1037YHR	OI	103	199.5	19.8	5	33.4	828	15
Hubner	H6225RCSS	STX,B	102	199.4	18.5	3	32.8	834	14
Pioneer	P0574AM GC	AM,AQ,B	105	199.4	19.8	3	33.0	828	16
Doebler	RPM 3518AM	AM,B	95	198.0	18.7	49	32.9	827	17
Chemgro	6469RSX	STX,B	104	194.2	20.3	2	33.6	804	18
NK Brand	NK0968-3110	3110	109	192.5	25.5	5	33.3	771	22
Dekalb	DKC58-34RIB GC	STX,B	108	192.2	22.2	7	33.0	786	21
Dyna-Gro	D49VC70	VT2P	109	191.1	21.0	3	32.8	787	19
Augusta	A2856GT3110	3110	105	189.9	23.3	44	33.4	771	23
Hubner	H6287RCSS	STX,B	104	188.2	18.5	30	32.3	787	20
Chemgro	6985RDP	VT2P,B	109	185.9	22.2	5	32.0	760	25
Augusta	A4759GT3111	3111	109	184.0	22.9	5	32.9	749	29
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	100	183.8	19.6	3	32.3	764	24
Viking	13-07	None	107	181.3	18.8	38	33.2	757	26
Local Seed Co.	LC0877VT2P	VT2P,B	108	181.0	19.9	40	32.3	751	27
Seed Consultants	SCS 968AMXT	AMXT,B	96	178.9	17.9	2	33.0	751	28
Seed Consultants	SC 10AGT59	3010	105	177.9	19.4	49	33.9	740	30

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Averages = **189.5** **20.4** **13** **33.0** **783**

LSD (0.10) = 16.4 0.7 11

LSD (0.25) = 8.6 0.4 6

C.V. = 8.2 Prev. years average yield, 183.1 bu/a, 15 yrs

**Yield & Income Factors:** Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Prices: GMO = \$4.27; non-GMO = \$4.27

**Test Comments:** *Excellent emergence and uniform population at this no-till corn after corn site. Above average rainfall for the entire growing season allowed for good yields but disease pressure as well. Stalk quality was still good for most hybrids probably due to the fungicide application. Overall rating of the plot is a 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: 12/02/2018 Revised:

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All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technol.	Seed Trt.	RM	Company/Brand	Product/Brand	Technol.	Seed Trt.	RM
Augusta	A1156VT2Pro	VT2P	AC,P2	106					
Augusta	A2856GT3110	3110	CM,C2	105					
Augusta	A3855GT3010	3010	CM,C1	105					
Augusta	A4759GT3111	3111	CM,C2	109					
Augusta	A4858GT3010	3010	CM,C2	108					
Chemgro	6469RSX	STX,B	AC,P5V	104					
Chemgro	6795RDP	VT2P	AC,P2	107					
Chemgro	6985RDP	VT2P,B	AC,P2	109					
Dekalb	DKC55-84RIB GC	STX,B	AC,P5V	105					
Dekalb	DKC58-34RIB GC	STX,B	AC,P5V	108					
Doebblers	RPM 2519AM	AM	MQ,P1V,R	85					
Doebblers	RPM 3518AM	AM,B	CM,C2,R,Lu	95					
Doebblers	RPM 4018AMXT	AMXT,AQ,B	CM,C2,R	100					
Doebblers	RPM 4219AM	AM	MQ,P1V,R	102					
Doebblers	RPM 5018AM	AM,B	MQ,P1V,R	110					
Dyna-Gro	D47SS29RIB	STX,B	AC,P5V	106					
Dyna-Gro	D49VC70	VT2P	AC,P5V	109					
Hubner	H6225RCSS	STX,B	AC,P5V	102					
Hubner	H6287RCSS	STX,B	AC,P5V	104					
Hubner	H6394RCSS	STX,B	AC,P5V	108					
Local Seed Co.	LC0488VT2P	VT2P	CM,C2	104					
Local Seed Co.	LC0657VT2P	VT2P,B	CM,C2	106					
Local Seed Co.	LC0877VT2P	VT2P,B	CM,C2	108					
Mid-Atlantic	MA8026SS	STX	AC,P2	102					
Mid-Atlantic	MA8034VT2P	VT2P	AC,P2	103					
Mid-Atlantic	MA8074VT2P	VT2P	AC,P2	107					
Mid-Atlantic	MA8091VT2P	VT2P	AC,P2	109					
NK Brand	NK0886-3010	3010	AVC,C5,Vi	108					
NK Brand	NK0968-3110	3110	AVC,C5,Vi	109					
Pioneer	P0574AM GC	AM,AQ,B	MQ,P1V,R	105					
Pioneer	P0977AM GC	AM,B	MQ,P1V,R	109					
Seed Consultants	SC 10AGT59	3010	AVC,C2,Vi	105					
Seed Consultants	SCS 1008AMXT	AMXT,AQ,B	CM,C2,R	100					
Seed Consultants	SCS 1018YHR	OI,AQ	MQ,P1V,R	101					
Seed Consultants	SCS 1037YHR	OI	MQ,P1V,R	103					
Seed Consultants	SCS 1087YHR	OI	MQ,P1V,R	108					
Seed Consultants	SCS 10HR43	HX,RR2	MQ,P1V,R	104					
Seed Consultants	SCS 968AMXT	AMXT,B	CM,C2,R,Lu	96					
Viking	13-07	None	CM,C2	107					
Viking	42-05	None	CM,C2	105					
Viking	48-08	None	AC,P5V	108					
Viking	55-02	None	AC,P5V	102					

## 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.