

## 2018 Corn Silage Harvest Report for Pennsylvania Southeast [ PASE ]

Alan Mason, Chester County, PA 19362 [ NOTTINGHAM ]



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

PREV. CROP/HERB: Corn / Capreno, atrazine

SOIL INFORMATION: Silt loam, minimum w/o fall till, very high P, low K, 5.9 pH, 3.7% OM, 8.2 CEC, non-irrigated

UNITS N-P-K Applied: 190-175-230, N Applied: 95 Fall, 95 Spring

PEST MANAGEMENT: glyphosate, Acuron, Capture

SEEDED - RATE: Jun 15 34,000 /A

HARVESTED - STAND: Oct 3 31,700 /A

**113 - 119 Day CRM**

L2018PASE22

### All 36 Products Tested, 3 Rep. Yield Average

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H <sub>2</sub> O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
NK Brand	NK1808-3111	3111	118	24.1	33.8	34.7	7.9	38.2	55.3	0.73	40.0	30.8	49.1	15.8	3,016	4	21,806
Hubner	H6624RCSS	STX,B	112	23.0	34.2	38.3	7.9	40.8	53.4	0.76	36.1	30.3	50.2	15.0	3,017	3	20,817
Hubner	H6663RCSS	STX,B	113	24.7	32.3	40.0	7.2	38.0	56.6	0.75	39.0	30.7	47.9	16.6	2,795	12	20,711
Channel	219-77STXRIB GC	STX,B	119	23.0	31.8	35.1	7.7	37.6	55.4	0.74	39.5	28.8	45.9	17.0	2,961	6	20,431
Hubner	H6890RCSS	STX,B	117	22.7	32.7	36.7	8.6	33.6	53.9	0.74	41.7	27.9	45.7	18.9	2,876	8	19,586
Augusta	A1165VT2ProRIB	VT2P,B	115	22.7	33.6	38.2	7.5	36.6	54.8	0.74	40.1	30.3	47.6	17.0	2,863	10	19,497
Chemgro	7789RSX	STX,B	117	21.9	32.0	35.5	7.9	34.7	53.7	0.74	42.0	31.2	48.3	17.5	2,965	5	19,480
Chemgro	7795V4Z	3220,B	117	20.8	32.8	34.0	8.4	35.4	52.3	0.74	40.9	32.7	51.2	15.4	3,101	1	19,350
Seed Consultants	SCS 1158AM	AM,B	115	21.6	32.1	39.8	8.1	39.9	56.1	0.75	37.6	33.3	49.5	14.9	2,870	9	18,598
Hubner	H6563RCSS	STX,B	111	23.9	33.4	48.3	7.2	40.6	56.2	0.75	38.0	30.8	46.2	16.8	2,486	26	17,825
Chemgro	7658G3	3000GT	116	23.1	31.2	41.7	7.5	33.1	52.2	0.71	44.4	33.7	50.9	15.7	2,557	24	17,720
Mycogen	TMF16S87	STX	116	20.7	31.6	34.4	8.3	32.0	56.6	0.72	42.8	26.7	44.1	19.3	2,845	11	17,667
Mid-Atlantic	MA5166GT3	3000GT	116	19.2	31.5	31.8	7.8	34.3	55.0	0.72	42.7	30.0	48.5	17.2	3,044	2	17,533
Seedway	6999-3000GT GC	3000GT	114	21.3	31.0	41.7	7.4	37.9	55.0	0.74	39.7	33.5	51.9	15.3	2,731	14	17,451
Augusta	A1367GT3220	3220	116	20.7	32.4	35.2	7.7	29.5	57.0	0.70	45.5	31.2	48.9	17.7	2,795	13	17,357
Mid-Atlantic	MA8163SS	STX	116	23.1	33.3	41.3	8.3	33.7	54.7	0.71	42.9	28.9	45.3	18.6	2,499	25	17,318
Mycogen	TMF14R77	STX	114	21.7	31.4	42.6	7.2	39.6	58.6	0.75	37.7	30.5	46.8	16.3	2,651	18	17,258
Pioneer	P0843AM GC	AM,B	108	21.6	32.3	47.6	7.6	39.9	53.0	0.76	37.6	34.0	49.8	15.7	2,627	20	17,023
Seed Consultants	SCS 1087AM	AM,B	108	19.4	31.6	38.2	7.7	37.6	57.5	0.74	39.6	32.6	49.9	15.5	2,892	7	16,831
Augusta	A5663GT3000	3000GT	113	21.4	31.1	38.0	7.4	27.9	54.6	0.70	47.0	29.9	47.3	19.6	2,610	22	16,756
Local Seed Co.	LC1600VT3P	VT3P,B	116	22.5	30.3	44.0	7.3	38.0	52.7	0.74	40.1	30.1	45.4	17.0	2,448	30	16,524
Dyna-Gro	D55VC45	VT2P	115	21.0	32.3	42.2	8.2	37.5	53.8	0.74	39.1	30.0	46.6	16.7	2,618	21	16,493
Hubner	H6755RCSS	STX,B	114	20.4	32.7	38.1	7.1	35.7	56.2	0.72	42.1	29.6	44.2	18.6	2,691	16	16,469
Channel	215-83STXRIB GC	STX,B	115	20.3	32.8	41.2	8.0	37.7	54.7	0.74	39.1	29.1	46.2	16.7	2,654	17	16,163

Harvest Report table continued next page

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Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H <sub>2</sub> O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Seed Consultants	SCS 1188AM	AM,B	118	<b>22.8</b>	31.2	43.8	8.0	34.6	51.4	0.72	42.9	28.0	43.4	19.2	2,343	33	16,026
Augusta	A5162GT3000	3000GT	112	20.0	33.2	40.6	7.3	31.8	51.7	0.71	45.0	29.7	46.9	19.8	2,562	23	15,372
Augusta	A1564GT3000	3000GT	114	20.7	32.0	52.7	7.6	42.6	52.8	0.74	37.5	31.5	46.9	16.5	2,465	28	15,308
Local Seed Co.	LC1349VT2P	VT2P,B	113	20.4	31.5	43.1	7.7	34.2	54.0	0.72	41.4	28.4	45.1	18.2	2,478	27	15,165
Local Seed Co.	LC1776VT2P	VT2P,B	117	18.6	31.1	39.4	7.9	36.4	49.8	0.73	41.0	27.5	43.2	18.9	2,632	19	14,687
Doebblers	RPM 4717AMX	AMX,B	107	19.9	31.5	47.7	7.3	36.1	53.2	0.73	41.7	29.7	45.2	18.8	2,389	32	14,262
Hubner	H4755RC2P	VT2P,B	114	19.4	33.0	52.1	7.1	41.5	52.8	0.74	38.4	29.9	43.1	18.7	2,399	31	13,962
NK Brand	NK1452-3120-EZR	3120,B	114	20.6	34.1	44.6	7.3	34.9	53.6	0.71	43.2	26.7	42.3	20.4	2,258	34	13,954
Augusta	A1064	None	114	16.7	23.7	35.8	8.2	27.4	55.7	0.69	46.0	30.2	48.9	17.1	2,711	15	13,582
Mid-Atlantic	MA9144	None	114	17.5	23.4	45.1	8.3	39.6	51.4	0.74	38.5	28.3	46.3	17.0	2,461	29	12,920
Doebblers	RPM 4318AMXT	AMXT,B	103	19.6	30.8	49.2	7.2	36.1	55.7	0.71	42.2	25.5	38.9	20.8	2,174	35	12,783
NK Brand	NK1284-3220-EZR	3220,B	112	18.0	32.9	43.6	7.2	29.9	54.5	0.68	48.8	27.4	43.5	21.6	2,164	36	11,686
				<b>Average =</b>	<b>21.1</b>	<b>31.7</b>	<b>41.0</b>	<b>7.7</b>	<b>36.0</b>	<b>54.3</b>	<b>0.73</b>	<b>41.2</b>	<b>30.0</b>	<b>46.7</b>	<b>17.6</b>	<b>2,657</b>	<b>16,844</b>

*Robin Kauffman*

Rob Kauffman

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LSD(0.10) = 1.4

LSD(0.25) = 0.7

C.V. = 6.1

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from NIRS data using Milk2006. **Bold** values significantly better than test average. **ns** = not significant

**TEST COMMENTS:** *Having a late planting date due to a wet spring actually aided this plot when it came to harvest results. Good seedling emergence. Corn plants were stressed only by too much rain throughout the summer. Harvest was delayed, due to wet field conditions, but hybrids were able to show their disease tolerance. Gray leaf spot was the primary leaf disease present. Some hybrids had the entire plant infected with disease while other more tolerant hybrids still had green leaf tissue.*

Visit us at [www.firstseedtests.com](http://www.firstseedtests.com)

Report Date: 10/5/2018

Revised:

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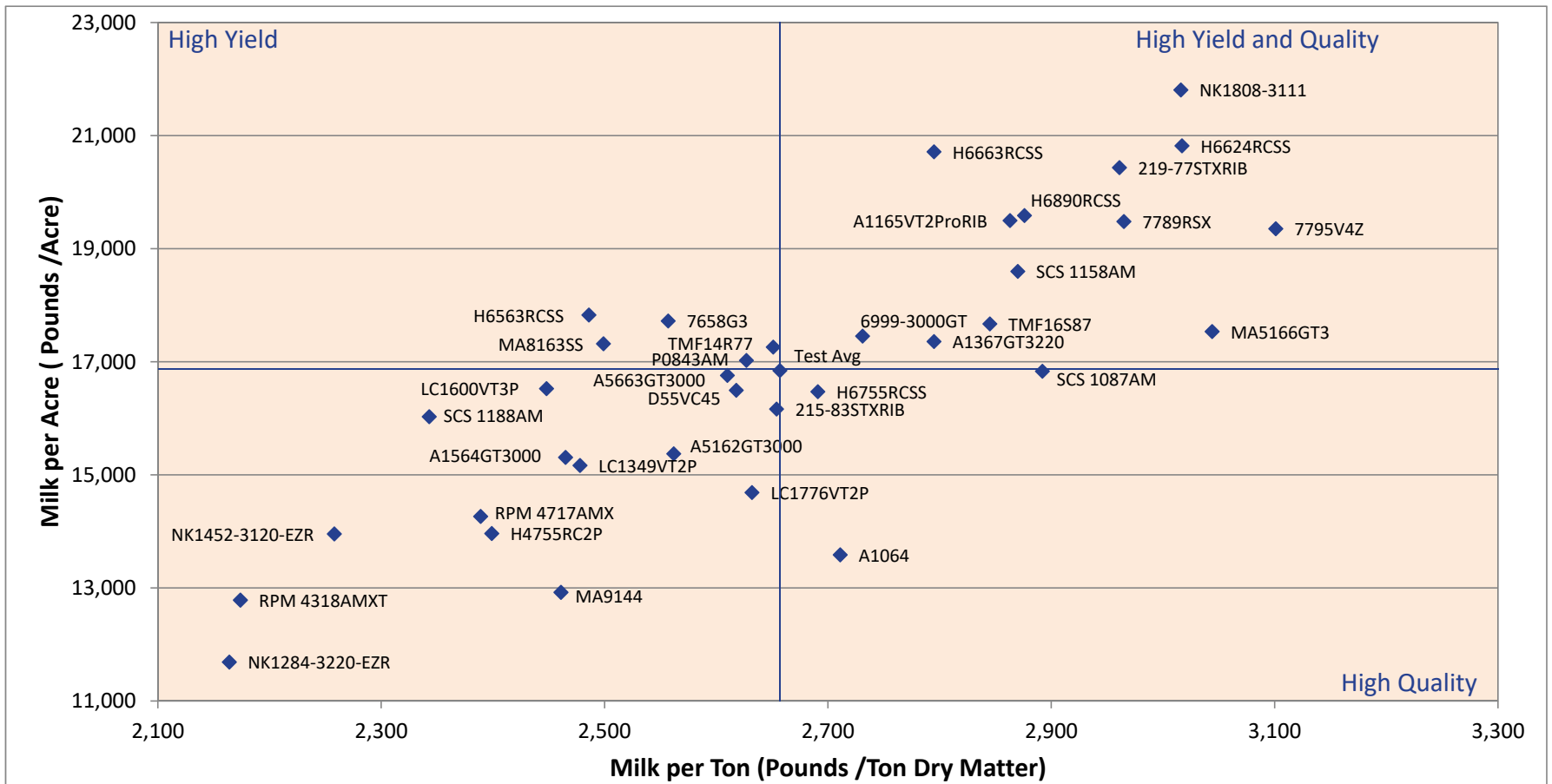
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 UNITS N-P-K Applied: 190-175-230, N Applied: 95 Fall, 95 Spring  
 PEST MANAGEMENT: glyphosate, Acuron, Capture  
 SEEDED - RATE: Jun 15 34,000 /A  
 HARVESTED - STAND: Oct 3 31,700 /A

**113 - 119 Day CRM**  
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Report Date: 10/5/2018

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## Footnotes and Abbreviation Descriptions

### Brand Footnotes

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^	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.
GC	Grower Comparison product included by FIRST when space permits.

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### Corn Technologies\*

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3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT	Agrisure® GT
3010	Agrisure® 3010 (CB,LL,GT)	HX	Herculex® 1, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink®
3120	Agrisure® 3120 (CB,HX,LL,GT)	None	conventional corn
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	VT2P	Genuity® VT Double PRO®
B	Refuge Blend	VT3P	Genuity® VT Triple PRO®
CB	Agrisure® Corn Borer	YGCB	YieldGard® Corn Borer
DG	Genuity® DroughtGard®		

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