

## 2018 Corn Silage Performance Summary for Pennsylvania Southeast [ PASE ]

Test sites include: Greencastle, Lebanon, Mount Joy, Nottingham



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

### 113 - 119 Day CRM

#### All 36 Products Tested

Yield, Average of (12) Replications

Silage Quality / Milk Production, Average of (4) Replications

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd		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	
Augusta	A1165VT2ProRIB	VT2P,B	115	27.5	32.9	38.2	7.9	40.2	<b>56.1</b>	0.77	35.8	33.5	<b>52.2</b>	13.6	<b>3,125</b>	1	<b>25,809</b>
NK Brand	NK1808-3111	3111	118	27.3	33.3	34.4	8.1	37.3	55.4	0.74	39.1	33.9	<b>52.8</b>	14.0	<b>3,123</b>	3	<b>25,534</b>
Hubner	H6663RCSS	STX,B	113	<b>28.7</b>	34.1	41.6	7.6	41.0	55.6	0.77	35.8	32.8	50.2	14.2	2,934	14	<b>25,500</b>
Chemgro	7789RSX	STX,B	117	27.0	32.4	37.5	8.1	39.0	55.4	0.77	36.7	33.9	<b>52.5</b>	13.7	<b>3,122</b>	4	<b>25,301</b>
Seed Consultants	SCS 1158AM	AM,B	115	<b>28.6</b>	31.8	43.2	7.8	41.8	55.4	0.77	34.8	32.9	<b>53.3</b>	<b>12.1</b>	2,923	15	<b>25,269</b>
Augusta	A5663GT3000	3000GT	113	26.4	32.5	39.0	<b>8.2</b>	38.1	54.3	0.77	36.2	<b>34.4</b>	<b>52.8</b>	13.5	<b>3,091</b>	6	24,756
Chemgro	7658G3	3000GT	116	27.9	32.7	39.2	7.9	34.9	52.5	0.74	41.3	<b>35.4</b>	<b>53.8</b>	13.9	2,900	19	24,409
Channel	215-83STXRIB GC	STX,B	115	28.0	32.9	41.2	7.8	39.7	53.6	0.77	36.6	32.0	49.8	14.3	2,893	20	24,408
Hubner	H6890RCSS	STX,B	117	27.7	32.9	38.3	<b>8.5</b>	34.7	53.5	0.75	40.6	30.8	48.8	16.8	2,918	16	24,260
Hubner	H6755RCSS	STX,B	114	27.3	33.0	41.2	7.3	39.5	55.5	0.76	37.3	33.1	49.5	15.1	2,907	18	24,247
Hubner	H6624RCSS	STX,B	112	26.5	33.3	38.0	7.9	39.3	55.0	0.76	36.7	32.8	51.9	13.5	<b>3,041</b>	8	24,088
Channel	219-77STXRIB GC	STX,B	119	27.1	32.3	36.1	8.0	38.8	55.7	0.75	37.4	31.2	47.9	15.1	2,968	10	24,081
Chemgro	7795V4Z	3220,B	117	25.7	33.0	35.9	<b>8.3</b>	37.1	54.1	0.75	38.3	34.0	<b>52.9</b>	13.7	<b>3,124</b>	2	24,059
Pioneer	P0843AM GC	AM,B	108	26.6	32.7	<b>44.5</b>	7.8	42.3	53.1	<b>0.79</b>	<b>33.6</b>	<b>35.6</b>	<b>53.4</b>	<b>12.6</b>	2,938	13	23,872
Seedway	6999-3000GT GC	3000GT	114	26.6	31.5	40.2	8.0	38.3	55.4	0.76	37.7	<b>35.8</b>	<b>54.4</b>	13.2	2,970	9	23,747
Seed Consultants	SCS 1087AM	AM,B	108	25.8	32.3	41.1	7.6	<b>42.5</b>	55.6	<b>0.78</b>	34.7	<b>35.0</b>	<b>52.1</b>	<b>12.7</b>	<b>3,045</b>	7	23,692
Mid-Atlantic	MA5166GT3	3000GT	116	25.2	32.6	34.8	8.0	37.5	54.5	0.75	38.5	33.6	51.8	14.1	<b>3,111</b>	5	23,560
Seed Consultants	SCS 1188AM	AM,B	118	27.9	32.8	43.5	<b>8.3</b>	41.0	53.1	0.77	35.4	31.9	49.0	14.3	2,768	28	23,365
Local Seed Co.	LC1600VT3P	VT3P,B	116	27.5	32.4	43.0	7.3	40.9	52.8	0.76	36.4	32.7	49.1	14.4	2,778	26	22,893
Hubner	H6563RCSS	STX,B	111	26.4	33.2	41.6	7.8	40.9	55.6	0.77	35.1	32.4	49.3	14.5	2,860	21	22,735
Augusta	A1367GT3220	3220	116	25.6	32.9	36.5	8.0	34.1	55.7	0.74	40.7	33.3	51.1	15.1	2,956	11	22,688
Local Seed Co.	LC1776VT2P	VT2P,B	117	25.3	32.2	40.4	8.0	41.2	51.7	0.77	35.5	31.0	48.7	14.8	2,940	12	22,504
Local Seed Co.	LC1349VT2P	VT2P,B	113	26.5	31.6	<b>44.9</b>	7.7	39.6	54.0	0.76	36.6	31.1	49.1	15.1	2,782	25	22,426
Hubner	H4755RC2P	VT2P,B	114	26.1	33.0	<b>46.5</b>	7.5	40.8	53.0	0.77	36.1	33.7	49.5	14.7	2,797	24	22,191

Results 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		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		
Mycogen	TMF16S87	STX	116	25.2	32.9	36.5	<b>8.2</b>	35.4	55.0	0.74	39.6	30.4	47.3	16.4	2,908	17	22,061	
Mid-Atlantic	MA8163SS	STX	116	27.0	33.3	43.3	<b>8.3</b>	38.0	55.1	0.75	38.0	32.2	49.7	15.1	2,700	33	21,880	
Mycogen	TMF14R77	STX	114	25.7	31.9	38.9	7.6	37.3	<b>57.3</b>	0.75	38.9	32.9	48.9	15.1	2,838	22	21,793	
NK Brand	NK1452-3120-EZR	3120,B	114	25.5	33.3	<b>44.6</b>	7.4	41.8	54.4	0.76	35.9	31.1	48.9	15.0	2,765	29	21,448	
Augusta	A5162GT3000	3000GT	112	25.7	33.3	42.9	7.2	39.5	52.9	0.75	38.1	32.6	49.3	15.7	2,738	30	21,301	
Augusta	A1564GT3000	3000GT	114	26.2	33.1	<b>46.3</b>	7.7	39.0	54.0	0.75	38.6	33.5	50.5	14.9	2,694	34	21,281	
Dyna-Gro	D55VC45	VT2P	115	25.3	33.0	40.8	<b>8.2</b>	38.5	54.0	0.75	37.8	32.5	50.0	14.6	2,800	23	21,250	
Augusta	A1064	None	114	25.2	30.6	42.9	7.7	38.0	<b>57.4</b>	0.74	37.9	32.9	50.5	13.9	2,769	27	21,053	
Doebblers	RPM 4318AMXT	AMXT,B	103	26.2	33.0	<b>45.6</b>	7.8	38.3	<b>56.3</b>	0.75	37.3	29.5	45.9	16.3	2,615	35	20,923	
Doebblers	RPM 4717AMX	AMX,B	107	25.1	32.2	43.7	7.9	37.2	54.3	0.76	37.7	32.3	50.5	14.7	2,710	32	20,550	
Mid-Atlantic	MA9144	None	114	24.0	30.1	<b>46.3</b>	8.0	39.7	49.7	0.76	37.1	32.4	49.9	15.0	2,711	31	19,744	
NK Brand	NK1284-3220-EZR	3220,B	112	23.8	32.7	<b>44.6</b>	7.4	37.9	54.4	0.73	40.2	31.5	47.3	16.9	2,532	36	18,253	
<i>Robin Kauffman</i>				Average =	<b>26.4</b>	<b>32.6</b>	<b>41.0</b>	<b>7.9</b>	<b>38.9</b>	<b>54.5</b>	<b>0.76</b>	<b>37.3</b>	<b>32.8</b>	<b>50.4</b>	<b>14.5</b>	<b>2,883</b>		<b>22,970</b>
Rob Kauffman				LSD(0.10) =	1.8	1.3	2.8	0.3	3.6	1.6	0.02	2.9	1.4	1.6	1.4	140		1,972
rkmaits@aol.com, (717) 413-0763				LSD(0.25) =	1.0	0.7	1.4	0.2	1.9	0.8	0.01	1.5	0.7	0.8	0.7	73		1,035
				C.V. =	8.0	4.4	7.4	4.0	10.1	3.1	2.7	8.7	4.7	3.5	10.3	5.0		9.0

† 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

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Report Date: 10/5/2018

Revised:

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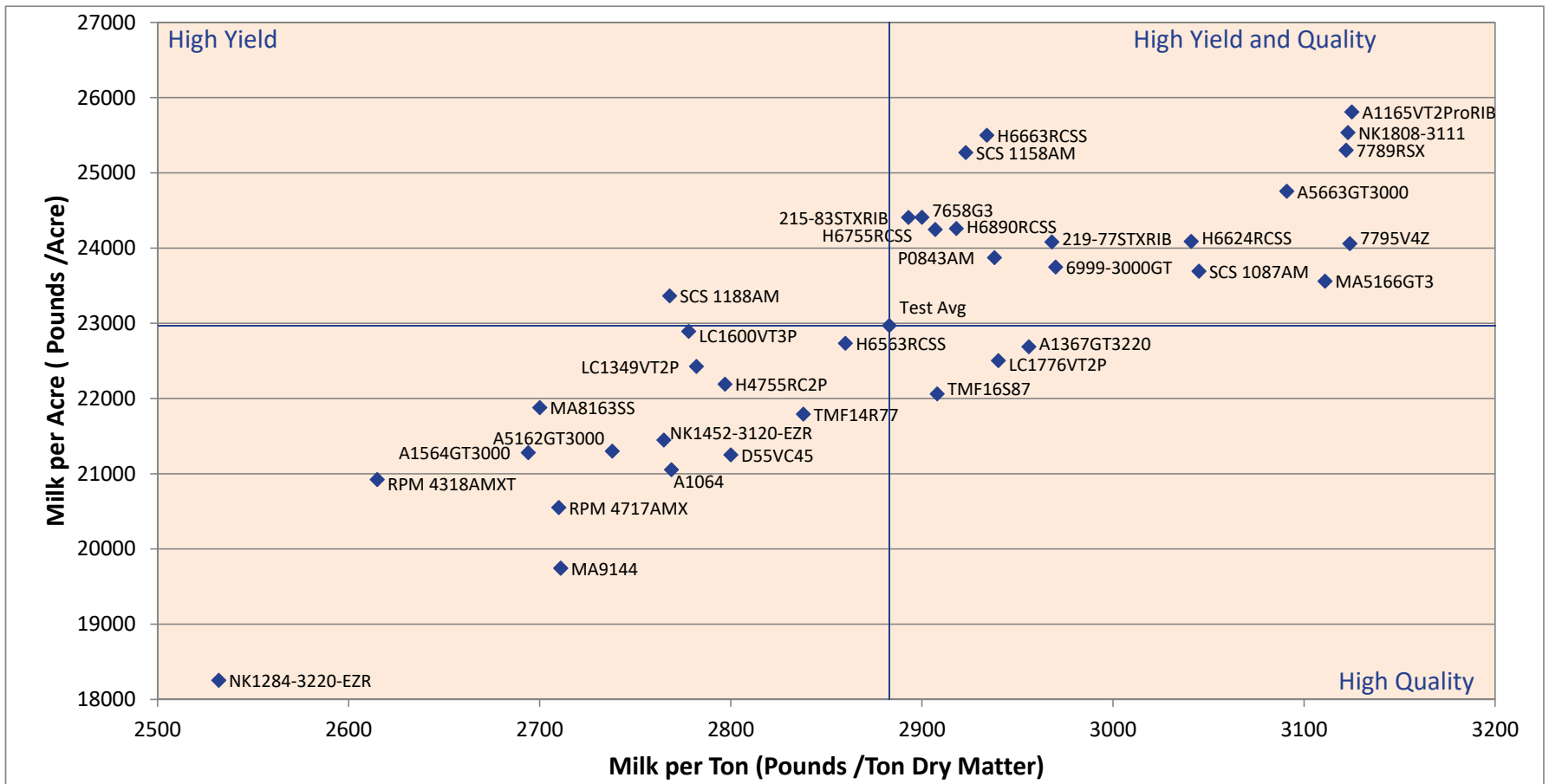
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## Footnotes and Abbreviation Descriptions

### 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.