

# 2017 Corn Silage Performance Summary for Pennsylvania Southeast [ PASE ]

Test sites include: Greencastle, Mount Joy and Nottingham



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

## 113 - 119 Day CRM

### Top 24 of 30 Products Tested

Yield, Average of (9) Replications

Silage Quality / Milk Production, Average of (3) 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	
Hubner	H6624RCSS	STX,B	112	<b>30.3</b>	35.2	30.4	<b>8.3</b>	<b>38.1</b>	61.6	<b>0.77</b>	35.3	31.6	52.7	12.2	<b>3,472</b>	2	31,509
Augusta	A1564GT3000	3000GT	114	<b>30.7</b>	34.8	31.6	8.0	36.3	61.8	0.76	37.0	<b>33.2</b>	52.4	12.0	3,400	10	31,298
Channel	213-19STXRIB GC	STX,B	113	29.7	34.7	32.2	<b>8.5</b>	<b>36.7</b>	60.3	<b>0.77</b>	36.0	31.8	51.7	12.2	<b>3,438</b>	5	30,641
Pioneer	P1498AM GC	AM,AQ,B	114	29.1	33.9	31.8	7.7	<b>38.6</b>	61.6	<b>0.77</b>	35.5	<b>33.9</b>	<b>53.6</b>	11.5	<b>3,508</b>	1	30,578
Doebler	RPM 5818AM^	AM,B	118	<b>30.5</b>	35.1	31.6	<b>8.5</b>	<b>36.6</b>	59.2	0.76	37.2	30.9	50.5	13.5	3,352	14	30,556
Hubner	H6755RCSS	STX,B	114	29.8	35.8	31.0	7.8	<b>37.0</b>	62.8	0.76	37.3	32.0	52.0	12.8	3,407	8	30,457
Chemgro	7789RSX	STX	117	<b>29.9</b>	34.4	28.4	<b>8.4</b>	34.2	62.3	0.76	38.7	32.3	52.3	12.7	3,375	11	30,297
Augusta	A1164VT2Pro	VT2P	114	29.2	34.7	33.8	7.3	<b>39.8</b>	61.3	<b>0.78</b>	35.4	32.2	52.5	12.1	<b>3,432</b>	6	30,082
Mycogen	TMF2H747	STX	113	<b>30.2</b>	34.5	29.3	7.7	33.9	<b>63.8</b>	0.75	39.7	30.4	49.9	14.9	3,264	18	29,609
Mid-Atlantic	MA5166GT3	3000GT	116	<b>30.4</b>	35.8	28.0	8.2	31.7	60.3	0.74	39.7	30.7	51.9	13.8	3,220	26	29,426
Hubner	H6764RCSS	STX,B	114	28.4	35.4	29.1	<b>8.3</b>	<b>37.3</b>	61.0	<b>0.77</b>	35.0	30.6	50.3	12.5	<b>3,445</b>	4	29,398
AgriGold	A6517VT3PRIB GC	VT3P,B	113	28.4	34.8	30.0	7.8	<b>36.9</b>	61.1	<b>0.77</b>	37.3	32.3	51.8	13.0	3,421	7	29,242
Augusta	A5262GT3000	3000GT	112	29.1	33.6	31.0	8.1	35.0	<b>63.7</b>	0.75	38.1	31.0	50.9	13.1	3,327	15	29,092
Doebler	RPM 5518AM^	AM,B	115	28.1	34.9	29.4	<b>8.5</b>	36.3	61.8	0.76	36.7	<b>33.0</b>	<b>53.1</b>	12.1	<b>3,447</b>	3	28,966
Hubner	H6663RCSS	STX,B	113	28.5	35.1	28.0	7.7	36.0	62.4	0.76	37.9	30.8	51.1	13.2	3,373	12	28,771
Chemgro	7658G3	3000GT	116	28.1	35.1	29.8	8.0	35.1	60.5	0.76	38.7	<b>33.2</b>	<b>53.6</b>	12.1	3,403	9	28,621
Augusta	A7766VT2Pro	VT2P	116	28.3	34.4	29.5	<b>8.3</b>	34.1	61.7	0.75	38.3	31.0	51.1	13.5	3,354	13	28,469
Mycogen	TMF14R77	STX	114	29.6	35.2	27.9	7.9	32.3	<b>65.1</b>	0.74	40.2	29.8	50.3	15.0	3,200	28	28,452
Mid-Atlantic	MA8164VT2P	VT2P	116	29.1	35.2	29.1	8.2	32.8	62.4	0.75	39.7	28.8	49.4	15.0	3,254	20	28,284
Mid-Atlantic	MA8147SS	STX	114	28.3	33.9	30.1	<b>8.4</b>	34.0	62.1	0.75	39.4	30.9	50.5	14.7	3,301	17	28,024
Masters Choice	MCT6733 GC	VT2P	117	28.8	34.5	27.9	8.2	31.8	62.7	0.74	40.3	30.7	51.4	14.0	3,236	22	27,977
Augusta	A8868VT3Pro	VT3P	118	28.4	34.3	27.5	<b>8.3</b>	31.5	63.4	0.74	40.0	29.4	50.3	14.9	3,234	23	27,684
Mid-Atlantic	MA8159VT2P	VT2P	115	28.6	33.9	27.5	7.9	30.8	<b>64.5</b>	0.74	<b>40.9</b>	30.2	50.0	15.7	3,222	24	27,620
Mid-Atlantic	MA8157VT3P	VT3P	115	28.4	34.7	27.1	8.2	29.8	62.9	0.74	<b>42.0</b>	29.7	50.9	15.2	3,209	27	27,357
<i>Robin Kauffman</i>				Average =	<b>28.8</b>	<b>34.7</b>	<b>29.4</b>	<b>8.1</b>	<b>34.2</b>	<b>62.0</b>	<b>0.75</b>	<b>38.6</b>	<b>31.1</b>	<b>51.2</b>	<b>13.7</b>	<b>3,318</b>	<b>28,669</b>
Rob Kauffman				LSD(0.10) =	1.1		0.3	0.2	2.2	1.6	0.01	2.1	1.4	1.5	1.4	113	ns
rkmaits@aol.com, (717) 413-0763				LSD(0.25) =	0.6		0.1	0.1	1.1	0.8	0.01	1.1	0.7	0.8	0.7	59	1,313
				C.V. =	6.4		0.9	2.3	6.1	2.4	1.5	5.1	4.2	2.9	9.7	3.2	8.3

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

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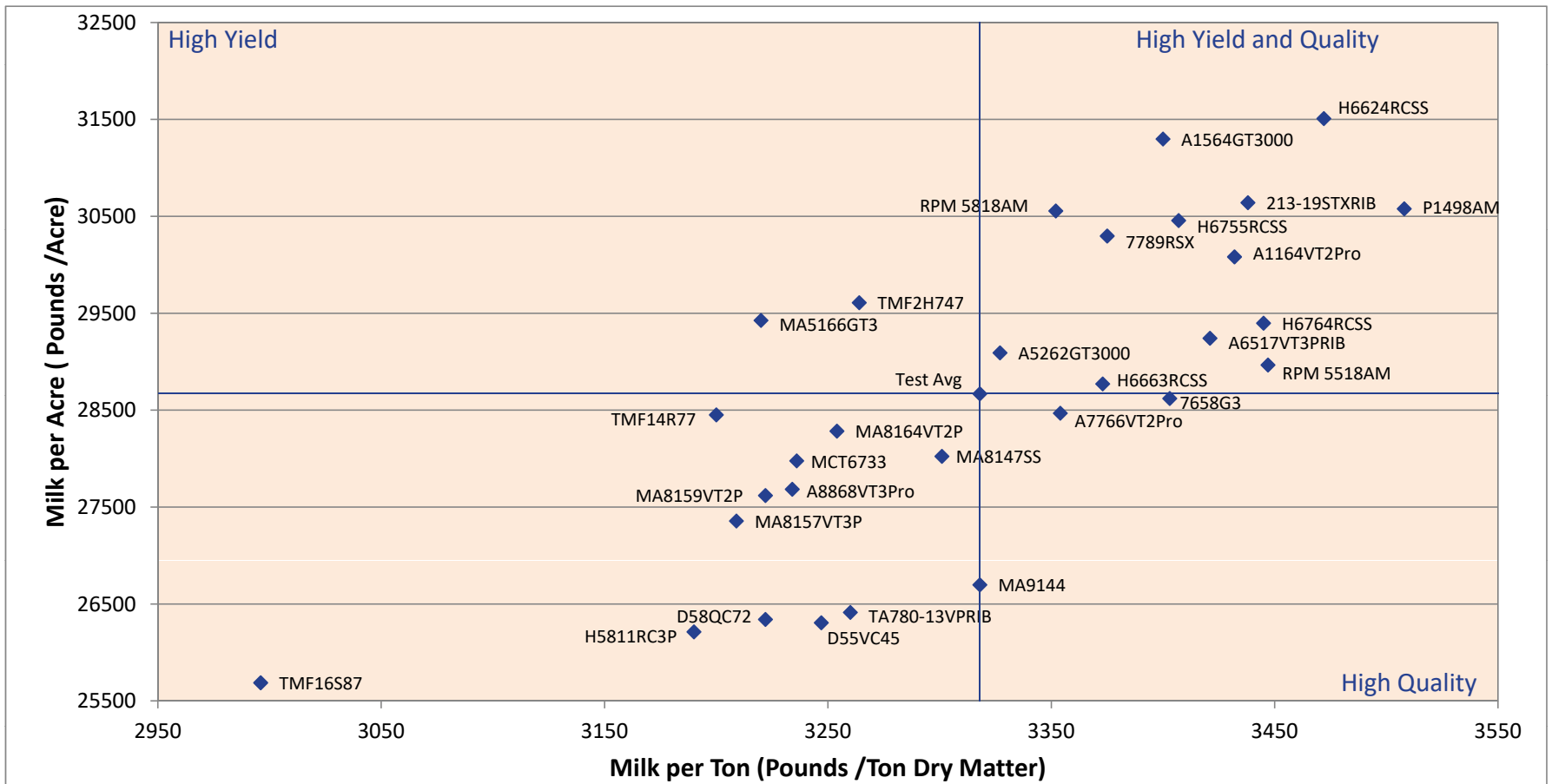
Test sites include: Greencastle, Mount Joy and Nottingham



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

**113 - 119 Day CRM**

**All 30 Products Tested**



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## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2 <sup>®</sup> brand seed is distributed by NuTech Seed, LLC. Catalyst <sup>™</sup> and Power Plus <sup>®</sup> brand seed is distributed by Burrus. HPT <sup>®</sup> brand seed is distributed by Hoegemeyer Hybrids, Innotech <sup>™</sup> 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. VPMMax <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> , VPMMax <sup>®</sup> and XL <sup>®</sup> are registered trademarks of DuPont Pioneer. Catalyst <sup>™</sup> , Innotech <sup>™</sup> and Phoenix <sup>®</sup> are trademarks of Syngenta.
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 <sup>™</sup> (HX, VT2P)
AMT	Optimum <sup>®</sup> AcreMax <sup>®</sup> TRIssect (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.