

2017 Corn Silage Harvest Report for Pennsylvania Southeast [PASE]

Mike Brubaker, Lancaster County, PA 17552 [MOUNT JOY]



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

PREV. CROP/HERB: Corn, 2+ Yr / Lexar, Capreno, Aatrex
 SOIL INFORMATION: No-till, very high P, very high K, 6.0 pH, 3.9% OM, non-irrigated
 UNITS N-P-K Applied: 230-144-232, N Applied: 85 Fall, 85 Spring, 60 Planter
 PEST MANAGEMENT: glyphosate, Capreno, atrazine, Lorsban
 SEEDED - RATE: May 19 35,300 /A
 HARVESTED - STAND: Sep 15 35,200 /A

113 - 119 Day CRM
L2017PASE19

Top 24 of 30 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		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Mid-Atlantic	MA5166GT3	3000GT	116	31.3	37.7	29.5	8.0	37.2	58.6	0.76	36.9	31.7	53.0	12.5	3,449	9	32,386
Chemgro	7789RSX	STX	117	31.1	36.3	29.4	8.2	34.7	61.7	0.76	39.9	31.6	51.7	13.5	3,375	22	31,489
Channel	213-19STXRIB GC	STX,B	113	30.0	36.4	33.3	8.7	37.7	57.2	0.77	35.0	32.6	52.8	11.8	3,479	7	31,311
Hubner	H6624RCSS	STX,B	112	28.8	36.4	31.4	8.1	38.5	62.0	0.77	35.5	32.4	53.7	12.0	3,517	2	30,387
Chemgro	7658G3	3000GT	116	27.7	35.6	30.9	8.1	40.2	58.1	0.78	34.5	34.3	55.6	10.6	3,633	1	30,190
Doebblers	RPM 5518AM^	AM,B	115	28.9	36.4	29.6	8.4	36.2	59.4	0.76	37.6	34.4	55.1	11.9	3,462	8	30,016
Hubner	H6755RCSS	STX,B	114	28.9	35.4	32.4	7.8	35.4	61.4	0.76	39.1	34.9	54.6	12.1	3,433	10	29,764
Mid-Atlantic	MA8164VT2P	VT2P	116	29.6	36.3	30.4	8.1	35.9	60.7	0.76	38.3	28.1	48.7	13.9	3,348	25	29,730
Augusta	A1564GT3000	3000GT	114	29.0	35.0	31.7	7.8	36.1	60.8	0.76	38.6	33.5	52.7	12.6	3,395	19	29,537
Doebblers	RPM 5818AM^	AM,B	118	28.0	34.8	33.2	8.2	41.2	56.6	0.78	34.6	32.5	53.3	11.5	3,515	3	29,526
Masters Choice	MCT6733 GC	VT2P	117	28.9	34.6	30.2	7.9	37.2	61.5	0.76	37.2	31.4	51.3	13.1	3,398	18	29,461
Augusta	A1164VT2Pro	VT2P	114	28.1	34.6	33.8	7.1	40.8	59.3	0.78	35.5	32.8	53.0	11.2	3,480	6	29,336
Mycogen	TMF14R77	STX	114	28.7	36.1	28.5	7.6	37.1	62.1	0.76	37.7	30.9	52.0	12.7	3,403	16	29,300
Mid-Atlantic	MA8147SS	STX	114	27.8	33.8	30.9	8.3	38.1	59.3	0.77	36.8	31.8	52.6	12.4	3,497	5	29,165
Mid-Atlantic	MA8157VT3P	VT3P	115	28.7	34.1	28.7	8.3	34.1	59.9	0.76	39.1	29.1	51.1	13.3	3,384	21	29,136
Hubner	H6663RCSS	STX,B	113	28.7	36.0	29.6	7.4	37.5	62.4	0.76	38.1	29.9	50.6	13.2	3,374	23	29,050
Augusta	A8868VT3Pro	VT3P	118	27.9	35.1	27.5	8.4	34.3	61.4	0.76	37.9	31.7	52.1	12.6	3,417	12	28,600
Augusta	A7766VT2Pro	VT2P	116	28.1	33.7	31.7	8.2	37.0	60.0	0.76	37.8	30.4	50.5	13.4	3,387	20	28,552
Mycogen	TMF16S87	STX	116	31.2	35.1	28.2	7.9	29.7	61.9	0.73	43.1	25.3	45.2	19.0	3,027	30	28,333
Augusta	A5262GT3000	3000GT	112	27.4	33.4	32.3	8.0	36.6	62.9	0.76	37.2	33.1	51.7	13.1	3,414	13	28,063
Hubner	H6764RCSS	STX,B	114	26.5	36.5	29.6	8.2	36.5	59.6	0.77	35.9	32.5	52.6	11.6	3,503	4	27,849
Dyna-Gro	D58QC72	3110	118	27.0	35.6	27.3	8.3	35.6	59.9	0.76	38.2	31.7	52.0	13.0	3,429	11	27,775
Mycogen	TMF2H747	STX	113	27.5	35.1	29.6	7.7	33.3	61.7	0.75	40.8	32.9	51.7	13.8	3,311	26	27,316
Pioneer	P1498AM GC	AM,AQ,B	114	26.6	33.0	31.5	7.8	36.7	61.3	0.76	38.0	32.9	52.2	12.7	3,404	15	27,164

Robin Kauffman

Average = **28.1** **35.2** **30.2** **8.0** **35.9** **60.3** **0.76** **38.3** **31.7** **52.0** **13.0** **3,394** **28,587**
 LSD(0.10) = 2.0
 LSD(0.25) = 1.1
 C.V. = 6.9

† 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

TEST COMMENTS: *Good soil moisture at planting gave an excellent stand. Good rainfall throughout most of the growing season and lack of excessive heat allowed for good pollination and yields. Overall rating of the plot is 8 out of 10. (10=best)*

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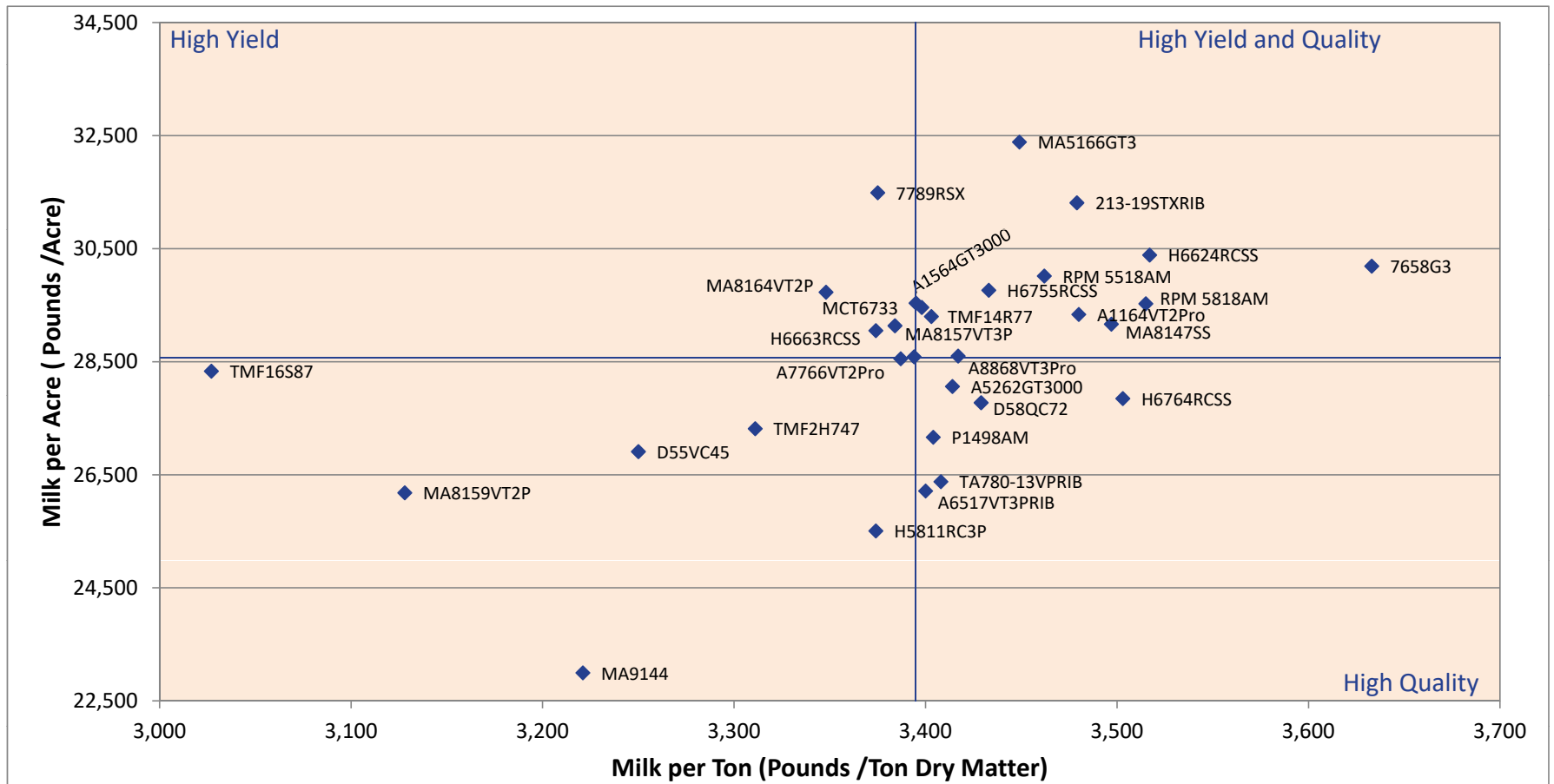


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All 30 Products Tested



Report Date: 9/18/2017

Revised:

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. Catalyst [™] and Power Plus [®] brand seed is distributed by Burrus. HPT [®] brand seed is distributed by Hoegemeyer Hybrids, Innotech [™] brand seed is distributed by Rob-See-Co, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] and Phoenix [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , Power Plus [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta.
GC	Grower Comparison product included by FIRSST when space permits.

Corn Technologies*

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 [®]		

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