

2017 Corn Silage Harvest Report for Pennsylvania Southeast [PASE]

Steve Rudolf, Franklin County, PA 17225 [GREENCASTLE]



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

PREV. CROP/HERB: Wheat/Soybean / glyphosate, Prowl, Capreno, Aatrex
 SOIL INFORMATION: Duffield silt loam, minimum w/o fall till, very high P, very high K, 6.8 pH, 3.2% OM, 8.7 CEC, non-irrigated
 UNITS N-P-K Applied: 215-160-261, N Applied: 215 Spring
 PEST MANAGEMENT: Acuron, Lorsban, Capreno, atrazine, Quilt
 SEEDED - RATE: May 18 34,000 /A
 HARVESTED - STAND: Sep 20 34,000 /A

113 - 119 Day CRM
L2017PASE20

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	
AgriGold	A6517VT3PRIB GC	VT3P,B	113	33.9	33.4	31.9	8.0	38.9	58.4	0.78	35.0	34.0	54.0	11.7	3,539	1	35,992
Channel	213-19STXRIB GC	STX,B	113	34.2	33.8	32.1	8.5	36.6	64.0	0.77	35.5	32.9	53.2	11.2	3,463	5	35,530
Pioneer	P1498AM GC	AM,AQ,B	114	33.8	33.6	31.4	7.8	37.8	62.7	0.77	35.2	34.0	53.8	11.8	3,492	2	35,409
Mycogen	TMF2H747	STX	113	35.4	33.9	29.5	7.5	36.7	64.4	0.75	37.4	30.8	49.7	14.4	3,310	13	35,152
Chemgro	7789RSX	STX	117	34.5	33.2	28.7	8.4	33.7	62.6	0.75	38.0	33.2	53.1	11.7	3,365	10	34,828
Augusta	A1564GT3000	3000GT	114	34.2	34.7	30.6	8.2	35.5	62.5	0.75	36.4	33.4	52.6	11.4	3,375	9	34,628
Augusta	A5262GT3000	3000GT	112	33.5	33.9	30.6	8.0	35.6	62.6	0.76	36.9	30.6	51.8	11.9	3,382	8	33,989
Augusta	A1164VT2Pro	VT2P	114	32.2	33.6	33.8	7.4	39.6	62.1	0.78	34.5	32.4	53.7	11.6	3,466	4	33,482
Augusta	A8868VT3Pro	VT3P	118	34.1	33.9	28.5	8.3	32.4	62.5	0.75	38.1	29.6	50.6	14.3	3,245	19	33,196
Hubner	H6764RCSS	STX,B	114	31.8	35.1	28.5	8.4	38.6	61.0	0.77	33.0	29.8	50.3	12.5	3,476	3	33,161
Doeblers	RPM 5518AM^	AM,B	115	32.7	35.5	29.2	8.6	34.3	63.4	0.75	37.9	31.1	51.6	12.7	3,348	11	32,844
Hubner	H6624RCSS	STX,B	112	31.9	32.9	28.5	8.3	37.1	63.1	0.76	35.8	31.3	52.1	12.8	3,410	6	32,634
Doeblers	RPM 5818AM^	AM,B	118	33.2	34.6	28.9	8.6	32.5	60.6	0.74	40.3	30.1	48.7	16.0	3,200	21	31,872
Mycogen	TMF14R77	STX	114	33.1	33.8	26.6	7.9	31.4	66.0	0.74	40.4	31.4	51.0	15.0	3,203	20	31,806
Mid-Atlantic	MA8147SS	STX	114	31.8	34.3	30.2	8.4	33.0	64.2	0.74	39.4	31.4	51.3	14.4	3,276	15	31,253
Dyna-Gro	D58QC72	3110	118	33.0	34.8	26.8	8.2	29.7	63.4	0.74	41.0	30.6	51.0	15.2	3,138	24	31,066
Mid-Atlantic	MA9144	None	114	30.4	32.7	30.2	8.4	35.3	59.7	0.76	36.3	31.7	52.2	12.9	3,398	7	30,990
Chemgro	7658G3	3000GT	116	31.4	35.0	29.1	8.1	29.6	60.8	0.74	42.1	32.8	54.0	12.5	3,261	16	30,719
Mid-Atlantic	MA8159VT2P	VT2P	115	31.6	33.8	26.9	7.9	30.7	64.1	0.74	40.7	29.9	49.4	15.9	3,199	22	30,327
Hubner	H6755RCSS	STX,B	114	30.1	34.2	28.4	7.8	36.0	64.8	0.75	37.0	29.9	50.1	14.1	3,326	12	30,034
Augusta	A7766VT2Pro	VT2P	116	30.6	34.2	26.9	8.5	30.7	61.9	0.74	40.1	31.0	51.0	14.9	3,248	17	29,817
Dyna-Gro	D55VC45	VT2P	115	29.9	34.8	30.2	8.6	34.4	63.1	0.75	38.1	31.7	50.9	14.2	3,305	14	29,646
Masters Choice	MCT6733 GC	VT2P	117	31.5	33.4	27.3	8.4	28.6	61.0	0.73	42.3	30.6	52.0	15.1	3,126	25	29,541
Hubner	H6663RCSS	STX,B	113	29.8	34.2	25.3	7.7	31.8	64.5	0.74	40.2	30.6	51.7	14.5	3,246	18	29,019

Robin Kauffman

Average = **31.9** **34.0** **28.6** **8.1** **33.0** **62.7** **0.75** **38.9** **31.2** **51.4** **14.0** **3,271** **31,342**
 LSD(0.10) = 1.9
 LSD(0.25) = 1.0
 C.V. = 5.6

† 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: *Steve Rudolf is thankful for a great year. He said there was no stress except a late September storm which could have done damage but corn still stood very well. Good soil moisture at planting and rain every week with low air temperatures gave a crop you seldom see in Franklin County, PA. Overall rating of the plot is a 9.5 out of 10. (10=best)*

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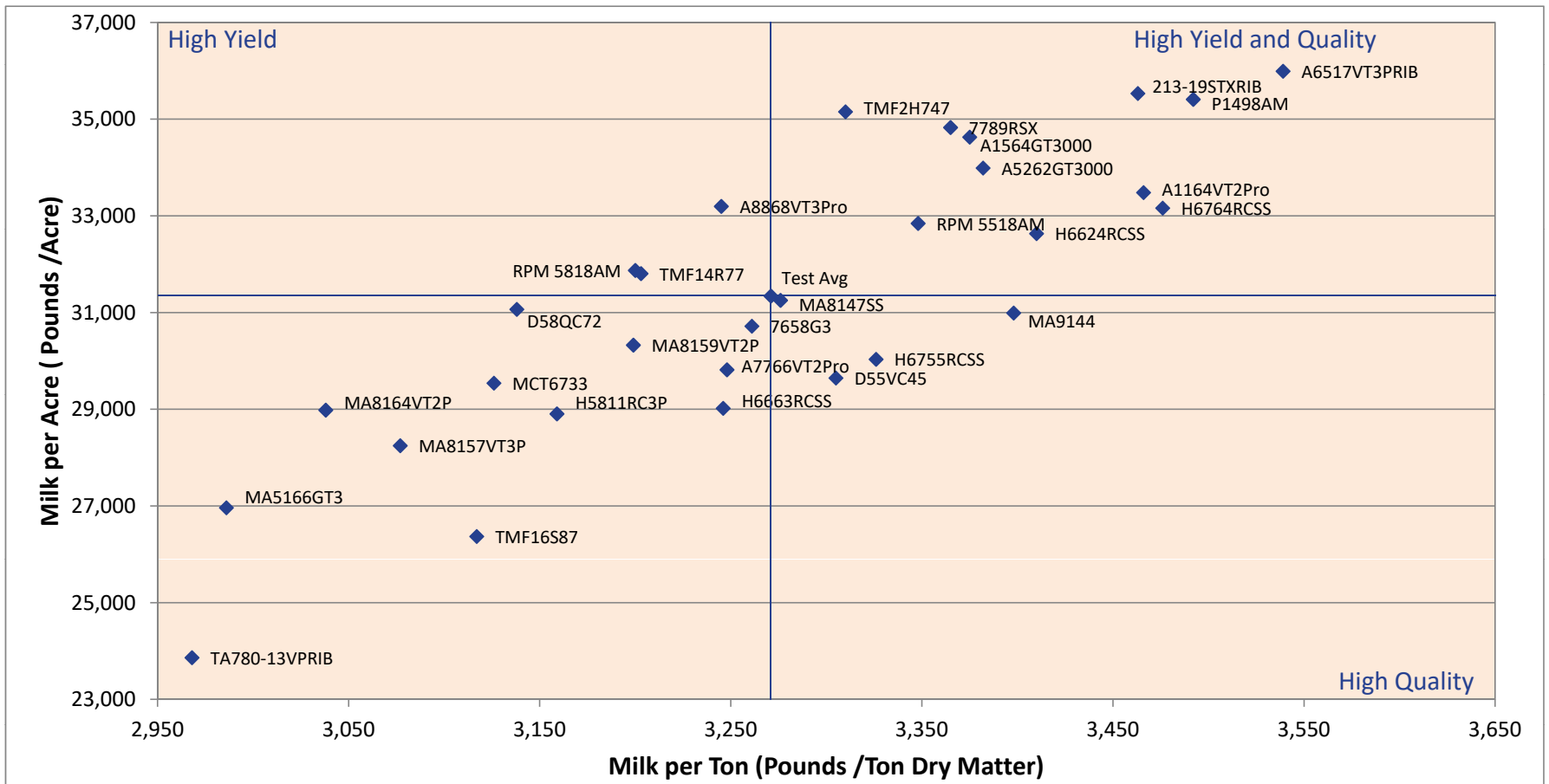


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All 30 Products Tested



Report Date: 9/24/2017

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.