

# 2017 Corn Silage Harvest Report for Pennsylvania Central [ PACE ]

Gerald Smith, Blair County, PA 16662 [ MARTINSBURG ]



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

PREV. CROP/HERB: Corn, 2+ Yr / Lumax, Capreno, Aatrex

SOIL INFORMATION: Silty clay loam, minimum w/o fall till, very high P, very high K, 6.2 pH, 3.6% OM, 10.5 CEC, non-irrigated

UNITS N-P-K Applied: 204-184-232, N Applied: 192 Fall, 12 Planter

PEST MANAGEMENT: Lumax, Capreno, atrazine, Capture

SEEDED - RATE: May 15 34,500 /A

HARVESTED - STAND: Sep 28 34,400 /A

105 - 116 Day CRM

L2017PACE23

## 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 <sub>2</sub> O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Doebblers	RPM 5518AM <sup>^</sup>	AM,B	115	36.2	36.8	34.3	8.8	42.6	57.6	0.79	30.9	33.5	53.7	9.9	3,569	1	38,759
Mycogen	TMF14R77	STX	114	37.5	36.8	34.8	8.3	38.8	60.9	0.77	34.0	31.8	52.7	10.6	3,369	4	37,901
Doebblers	RPM 5125AM <sup>^</sup>	AM,B	111	38.1	35.6	37.9	7.8	40.0	60.6	0.78	33.1	33.5	53.1	11.4	3,275	9	37,433
Channel	213-19STXRIB GC	STX,B	113	34.7	36.8	36.2	8.5	42.6	59.6	0.79	31.4	30.4	50.9	10.9	3,370	3	35,082
Hubner	H6755RCSS	STX,B	114	36.0	34.7	37.1	7.6	40.4	59.6	0.78	35.4	31.6	50.6	13.3	3,219	12	34,765
Hubner	H6624RCSS	STX,B	112	34.9	34.5	37.9	8.4	42.1	58.4	0.79	31.2	32.4	53.3	10.7	3,315	5	34,708
Pioneer	P0843AM GC	AM,B	108	37.4	34.8	43.0	8.2	45.5	55.6	0.81	28.7	35.3	55.2	8.7	3,088	18	34,647
Doebblers	RPM 5018AM <sup>^</sup>	AM,B	110	34.2	33.2	35.5	7.7	40.4	62.8	0.77	34.5	31.7	50.7	12.9	3,285	7	33,704
Mid-Atlantic	MA8092VT2P	VT2P	109	37.8	35.8	45.6	8.1	44.7	52.7	0.81	29.6	31.0	51.6	10.1	2,955	21	33,510
Dyna-Gro	D53VC47	VT2P	113	32.9	35.5	36.9	8.0	43.6	59.9	0.79	31.3	33.5	52.9	9.7	3,390	2	33,459
Doebblers	RPM 4717AMX <sup>^</sup>	AMX,B	107	34.3	33.8	39.5	7.9	42.8	54.4	0.80	31.1	33.6	53.2	10.4	3,250	11	33,443
Mid-Atlantic	MA5129GT3	3000GT	112	34.5	34.8	39.5	7.4	41.2	59.4	0.78	34.2	31.4	51.4	11.2	3,089	17	31,971
Mid-Atlantic	MA8111VT3P	VT3P	111	33.2	34.3	37.0	7.6	39.9	59.2	0.77	33.9	29.8	49.9	13.0	3,202	14	31,892
Augusta	A5262GT3000	3000GT	112	33.0	31.5	39.7	7.7	45.6	60.6	0.80	30.3	34.0	53.7	9.4	3,208	13	31,759
Dyna-Gro	D49VC39	VT2P	109	32.3	30.6	38.5	8.4	40.3	53.4	0.79	32.6	28.8	51.2	10.8	3,275	10	31,735
Mid-Atlantic	MA9086	None	108	32.1	34.6	39.6	7.7	45.5	56.4	0.80	29.2	32.3	53.3	9.3	3,283	8	31,615
Augusta	A4759GT3111	3111	109	35.0	35.1	45.0	7.8	44.0	59.7	0.80	30.6	35.6	54.7	8.8	2,937	23	30,839
Hubner	H6663RCSS	STX,B	113	31.1	35.8	30.4	7.6	35.6	63.9	0.75	38.8	29.9	49.5	15.1	3,290	6	30,696
Augusta	A1564GT3000	3000GT	114	32.9	33.0	37.0	8.0	38.4	59.6	0.76	37.1	31.0	50.8	12.7	3,098	16	30,577
Hubner	H5490RC3P	VT3P,B	110	34.5	35.1	42.7	7.3	45.4	56.0	0.79	31.0	30.9	50.7	10.9	2,949	22	30,522
Augusta	A5162GT3000	3000GT	112	33.2	35.0	37.9	7.1	38.4	62.0	0.76	37.1	31.0	48.9	14.7	3,053	19	30,408
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	33.9	33.7	39.7	7.8	39.7	55.2	0.76	36.4	27.9	47.8	14.9	2,936	24	29,859
Chemgro	6985RDP	VT2P	109	32.4	34.1	41.7	8.1	41.6	54.5	0.78	33.8	30.5	53.8	11.9	3,034	20	29,490
Augusta	A1161VT2Pro	VT2P	111	34.8	31.9	45.5	7.9	44.8	53.7	0.79	30.9	29.9	49.5	11.3	2,812	28	29,357

*Robin Kauffman*

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Average =	34.2	34.4	39.6	7.9	41.5	58.1	0.78	33.4	31.4	51.4	11.8	3,110	31,937
LSD(0.10) =	1.9												
LSD(0.25) =	1.0												
C.V. =	5.3												

† 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

**TEST COMMENTS:** *Excellent emergence and above average summer rainfall with cooler temperatures allowed for an excellent growing season. Some late season leaf blight was noticed but it did not cause any harvest or standability problems. Overall rating of the plot is a 8 out of 10. (10=best)*

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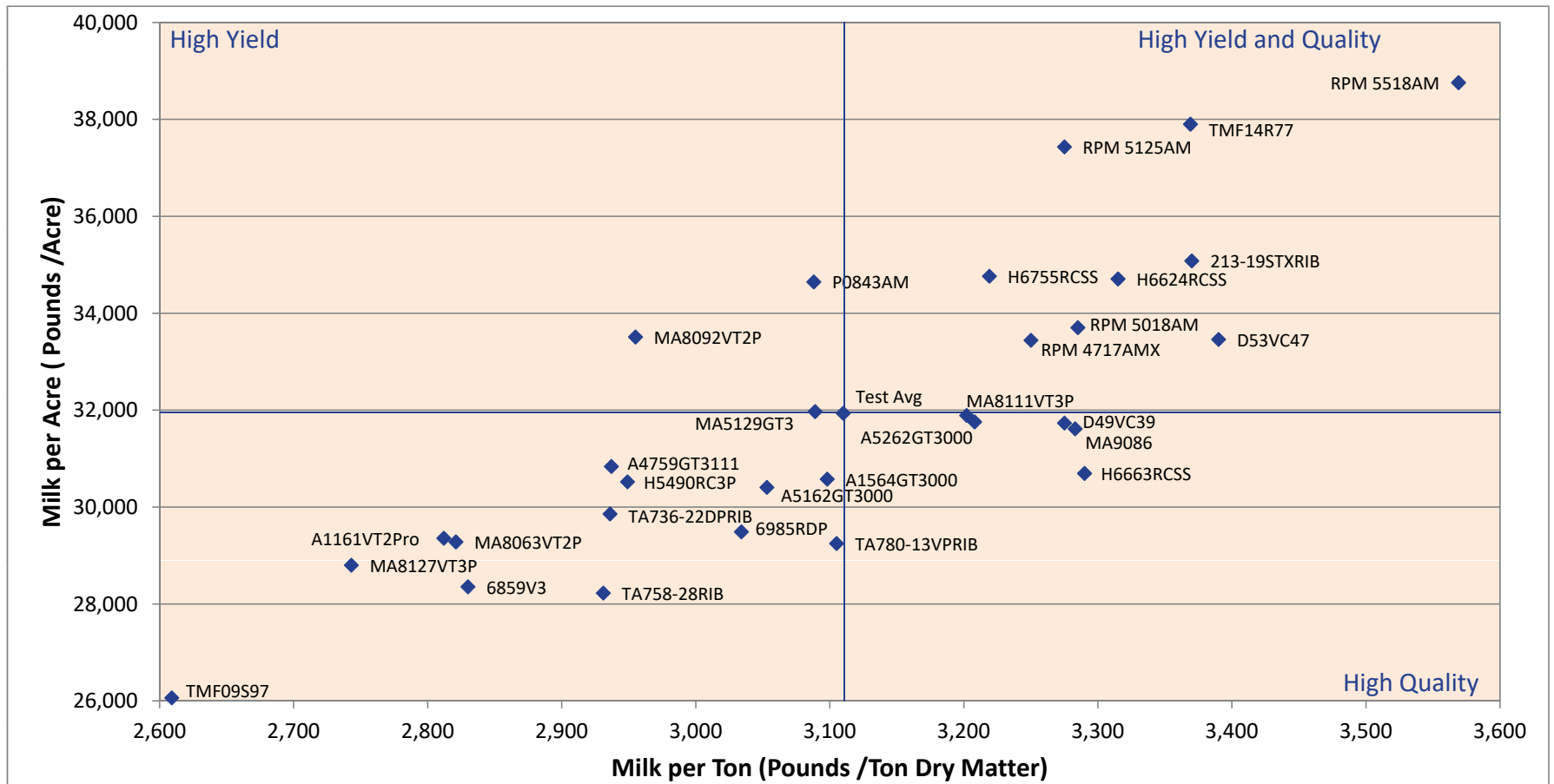


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**All 30 Products Tested**



Report Date: 10/2/2017

Revised:

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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. VPM <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> , VPM <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 FIRSST 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.