

2017 Corn Silage Performance Summary for Pennsylvania Central [PACE]

Test sites include: Centre Hall, Martinsburg, Mifflintown and New Bloomfield



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

105 - 116 Day CRM

Top 24 of 30 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 ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Doeblers	RPM 5518AM^	AM,B	115	31.4	36.1	34.2	7.7	40.6	59.9	0.79	33.4	35.0	55.7	10.1	3,524	1	33,142
Hubner	H6755RCSS	STX,B	114	30.3	35.0	34.2	7.6	39.6	59.5	0.78	34.9	33.4	54.6	11.3	3,454	5	31,244
Hubner	H6624RCSS	STX,B	112	30.0	35.4	34.4	8.2	39.2	58.0	0.78	33.7	33.2	55.0	10.5	3,448	9	30,903
Doeblers	RPM 5018AM^	AM,B	110	29.7	35.0	32.9	7.6	39.4	62.2	0.78	34.2	34.8	55.3	10.3	3,483	2	30,873
Doeblers	RPM 5125AM^	AM,B	111	30.0	35.1	33.3	7.6	39.1	60.6	0.79	33.8	34.7	55.5	10.0	3,448	8	30,814
Augusta	A5162GT3000	3000GT	112	29.7	35.4	34.1	7.2	38.7	60.9	0.78	35.5	32.5	52.9	11.9	3,368	15	29,825
Channel	213-19STXRIB GC	STX,B	113	28.9	35.9	33.9	8.1	39.6	58.9	0.78	34.0	31.0	52.3	11.7	3,418	10	29,556
Augusta	A1564GT3000	3000GT	114	29.9	34.0	34.6	7.8	37.5	61.0	0.76	36.9	32.5	53.0	12.2	3,286	21	29,353
Pioneer	P0843AM GC	AM,B	108	28.4	35.3	36.0	8.2	41.9	57.0	0.80	31.4	36.5	57.4	8.8	3,452	7	28,995
Mycogen	TMF14R77	STX	114	29.4	35.8	31.0	7.6	34.6	61.7	0.76	37.2	32.1	53.3	12.1	3,280	22	28,992
Dyna-Gro	D49VC39	VT2P	109	27.9	29.1	36.7	8.2	41.9	55.0	0.80	31.5	31.8	54.6	9.7	3,475	3	28,895
Augusta	A5262GT3000	3000GT	112	28.3	32.9	33.2	7.8	39.6	60.6	0.78	34.2	33.5	53.9	10.8	3,415	11	28,890
Hubner	H5490RC3P	VT3P,B	110	29.4	34.9	37.0	7.4	41.2	59.0	0.79	33.4	31.2	51.7	11.4	3,293	20	28,857
Hubner	H6663RCSS	STX,B	113	28.4	35.2	30.7	7.5	35.2	61.5	0.76	38.2	31.2	52.2	13.5	3,377	14	28,748
Mid-Atlantic	MA8092VT2P	VT2P	109	29.5	34.8	38.7	7.6	40.4	57.6	0.79	34.0	31.4	52.7	11.4	3,247	24	28,454
Mid-Atlantic	MA5129GT3	3000GT	112	28.8	34.3	34.7	7.4	37.8	59.5	0.78	36.0	32.8	53.6	11.2	3,297	19	28,271
Mid-Atlantic	MA8111VT3P	VT3P	111	28.5	35.1	33.9	7.4	37.4	60.4	0.77	36.0	31.1	51.9	12.5	3,333	16	28,241
Doeblers	RPM 4717AMX^	AMX,B	107	27.8	33.4	35.5	7.8	40.8	58.9	0.79	33.3	33.1	53.9	11.1	3,402	12	28,154
T.A. Seeds	TA736-22DPRIB	VT2P,B	113	28.6	34.0	35.9	7.6	39.4	57.3	0.77	35.4	30.7	52.7	12.3	3,301	18	28,002
Augusta	A4759GT3111	3111	109	28.3	34.6	35.6	7.3	38.3	61.3	0.78	35.1	34.6	55.4	10.5	3,267	23	27,471
Chemgro	6859V3	3111	108	27.8	34.1	36.0	7.4	39.7	61.4	0.78	33.9	34.5	55.2	10.5	3,307	17	27,294
Augusta	A1161VT2Pro	VT2P	111	28.5	32.6	37.6	7.9	40.9	57.1	0.78	33.7	30.9	52.1	11.5	3,223	26	27,192
Mid-Atlantic	MA9086	None	108	26.3	33.9	37.0	7.6	43.9	57.9	0.80	30.3	34.0	55.0	9.3	3,453	6	27,160
Dyna-Gro	D53VC47	VT2P	113	26.1	35.2	32.4	8.0	37.9	60.3	0.78	35.3	34.1	54.8	10.7	3,465	4	27,018
<i>Robin Kauffman</i>				Average =	28.6	34.5	35.0	7.7	39.2	59.2	0.78	34.6	32.7	53.8	11.2	3,345	28,504
Rob Kauffman				LSD(0.10) =	0.4	0.3	1.7	0.3	1.7	1.5	0.01	1.6	1.0	1.3	1.1	114	1,633
rkmaits@aol.com, (717) 413-0763				LSD(0.25) =	0.2	0.1	0.9	0.1	0.9	0.8	0.01	0.8	0.5	0.7	0.6	60	857
				C.V. =	6.5	4.3	5.3	3.9	4.8	2.7	1.3	5.0	3.3	2.7	11.1	3.7	6.3

† 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

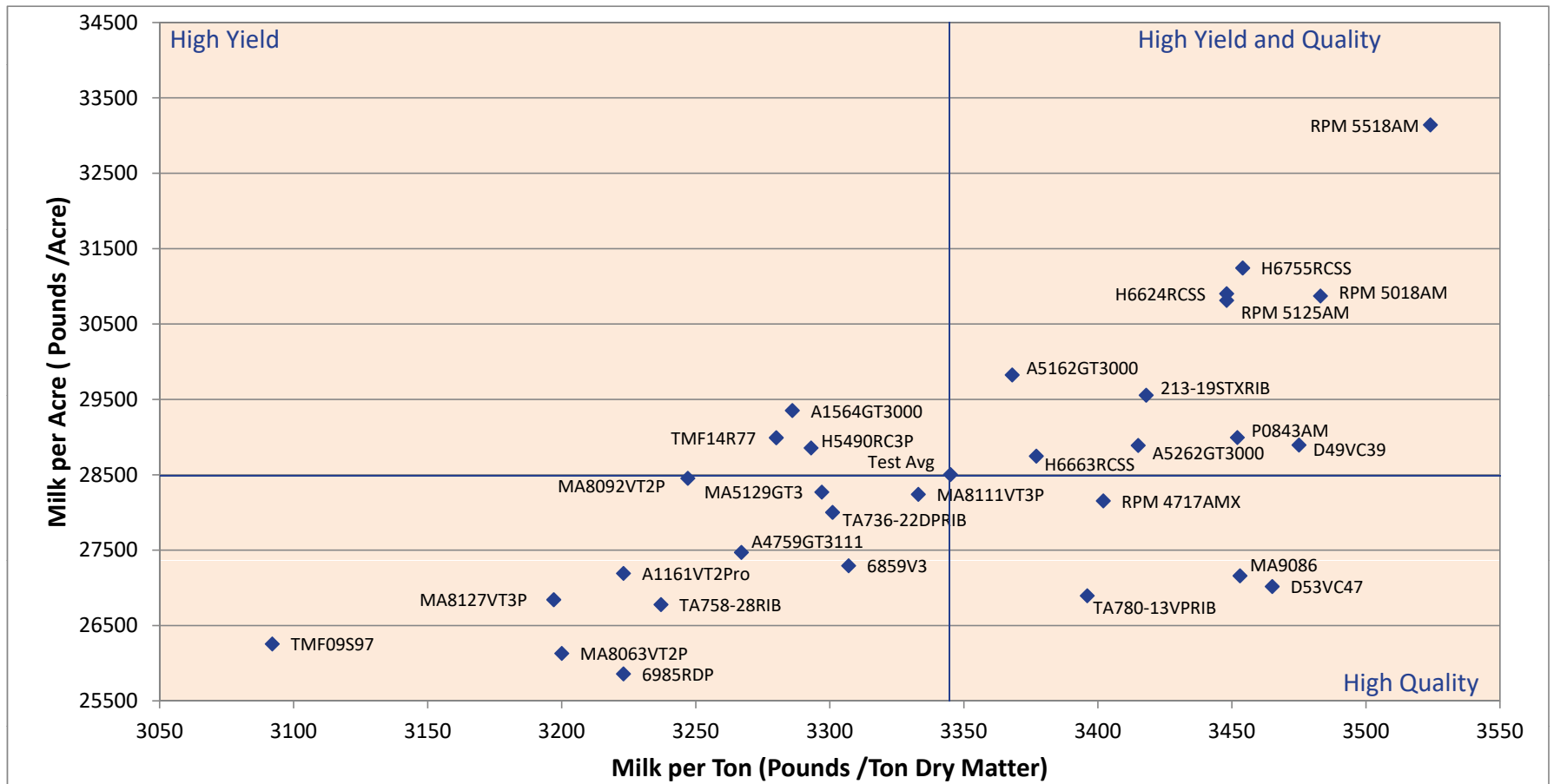
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Test sites include: Centre Hall, Martinsburg, Mifflintown and New Bloomfield



105 - 116 Day CRM

All 30 Products Tested



Report Date: 10/3/2017

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. VPMMax [®] 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 [®] , VPMMax [®] and XL [®] are registered trademarks of DuPont Pioneer. Catalyst [™] , Innotech [™] and Phoenix [®] are trademarks of Syngenta.
GC	Grower Comparison product included by FIRS 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.