

2016 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

All 24 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 (% of NDF)		Milk/Ton DM††		Milk/Acre (Lbs)	
				70% H ₂ O (Tons/A)	Lodging (%)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h	(Lbs)	Rank		
Doeblers	RPM 4717AM [^]	AM,B	107	22.3	0	32.4	35.5	9.1	36.9	59	0.81	32.1	35	59	3,437	1	23,121	
Channel	207-27STXRIB GC	STX,B	107	21.8	0	32.4	35.9	8.6	36.6	56	0.81	32.8	37	60	3,430	2	22,511	
Steyer	11506VT2PRORIB C	VT2P,B	115	21.9	0	32.3	32.8	9.0	32.3	58	0.79	35.6	33	58	3,341	3	22,047	
Mid-Atlantic	MA8092VT2P	VT2P,B	109	20.7	0	32.5	34.9	9.1	34.0	57	0.80	33.9	34	59	3,316	4	20,906	
Channel	210-95STXRIB GC	STX,B	110	21.0	0	32.5	36.1	9.2	33.0	55	0.80	34.4	35	60	3,294	6	20,821	
AgriGold	A6517VT3PRIB GC	VT3P,B	113	21.8	0	32.4	33.4	9.0	31.3	59	0.79	34.5	35	61	3,128	20	20,741	
Doeblers	RPM 4917AM [^]	AM,B	109	20.3	0	32.6	33.0	9.1	31.5	60	0.78	36.0	35	60	3,310	5	20,277	
Chemgro	6859V3	3111	108	20.2	0	32.5	33.9	8.7	33.1	60	0.80	34.5	36	61	3,293	7	20,072	
TA Seeds	TA583-28RIB	STX,B	108	19.9	0	32.3	35.1	9.1	32.7	57	0.79	35.1	34	59	3,288	9	19,911	
Doeblers	RPM 5125AM [^]	AM,B	111	20.6	0	32.5	32.3	9.0	29.9	59	0.79	35.9	35	61	3,163	17	19,666	
Mid-Atlantic	MA8077RR	RR2	107	20.7	0	32.4	37.1	8.7	33.7	56	0.80	33.0	35	60	3,129	19	19,539	
Augusta	A1108VT2ProRIB	VT2P,B	108	19.9	0	32.6	34.3	9.1	30.7	56	0.79	35.9	34	60	3,196	15	19,429	
Mid-Atlantic	MA8111VT3P	VT3P	111	19.3	0	32.3	31.8	9.3	30.7	59	0.79	36.2	34	60	3,291	8	19,269	
Chemgro	7349G3Z	3122,B	113	19.6	0	32.3	31.2	9.4	30.3	60	0.78	36.0	33	60	3,236	13	19,240	
Augusta	A1565GTCBLL	GT/CB/LL	115	19.6	0	32.4	34.7	9.0	31.8	58	0.79	36.3	34	58	3,237	12	19,129	
Steyer	10805VT2PRORIB C	VT2P,B	108	19.3	0	32.5	34.9	9.3	31.5	56	0.80	34.7	34	60	3,230	14	19,000	
Augusta	A4759GT3000	3000GT	109	19.1	0	32.4	33.0	8.8	32.6	60	0.80	34.4	37	62	3,287	10	18,942	
Augusta	A7664VT3Pro	VT3P	114	19.6	0	32.8	29.8	9.6	28.6	60	0.79	35.7	34	62	3,143	18	18,711	
AgriGold	A6573VT3PRIB GC	VT3P,B	114	19.3	0	32.3	31.3	9.4	28.7	59	0.78	36.2	34	62	3,170	16	18,562	
Mid-Atlantic	MA8127VT3P	VT3P	112	18.7	0	32.5	32.0	9.4	29.7	57	0.79	36.9	34	59	3,243	11	18,533	
TA Seeds	TA667-31	3111	111	19.8	0	32.4	32.1	8.7	27.2	59	0.77	38.9	33	60	3,053	22	18,449	
Augusta	A4363VT2Pro	VT2P	113	19.1	0	32.5	31.3	9.3	28.3	61	0.78	36.4	34	61	3,126	21	18,322	
Mid-Atlantic	MA9076	None	107	19.6	0	32.5	32.9	9.3	29.2	58	0.78	35.9	31	58	3,020	23	18,204	
Augusta	A5062GT3110	3110	112	19.0	0	32.9	31.9	9.2	26.1	57	0.77	38.8	33	60	3,017	24	17,655	
<i>Robin Kauffman</i>				Average =	20.1	0	32.5	33.4	9.1	31.3	58	0.79	35.4	34	60	3,224		19,711
				LSD(0.10) =	1.9	ns	0.5	2.7	0.4	4.0	2	0.02	2.7	2	2	197		2,153
Rob Kauffman				LSD(0.25) =	1.3	ns	0.4	1.9	0.3	2.8	1	0.01	1.9	1	1	137		1,499
rkmaits@aol.com, (717) 413-0763				C.V. =	8.1		1.3	6.9	3.6	10.8	2.7	1.7	6.5	4.6	2.1	5.2		9.3

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from NIRS data using Milk2006. **Bold** values significantly above test average using LSD(0.10). **ns** = not significant

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Report Date: 9/29/2016

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Revised:

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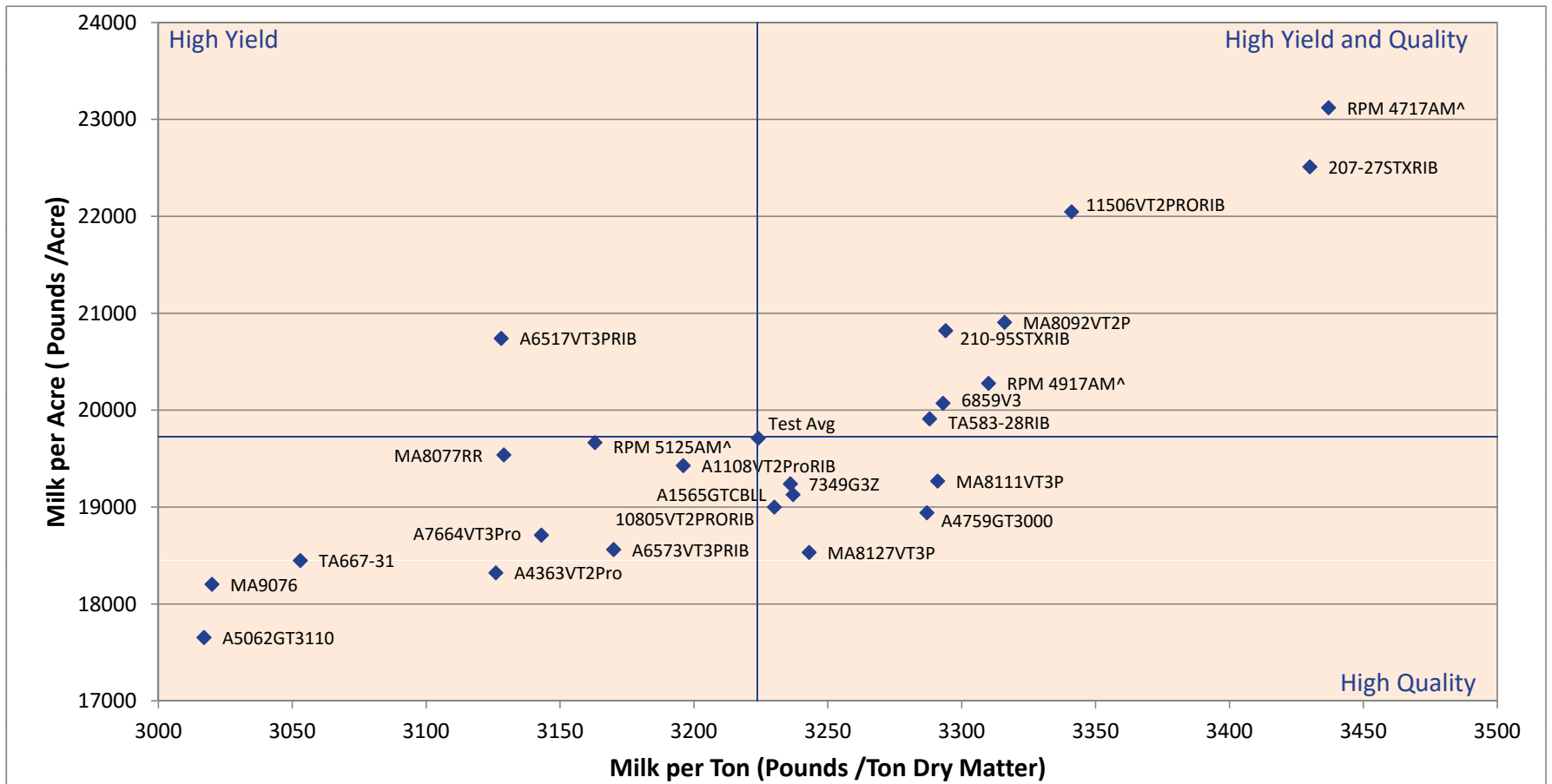
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Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

105 - 116 Day CRM

All 24 Products Tested



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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. 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. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® and Phoenix® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, Power Plus®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer. Catalyst™, Innotech™ and Phoenix® are trademarks of Syngenta.

GC Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3010	Agrisure® 3010 (CB,LL,GT)	HX,RR2	Herculex® 1, Roundup Ready 2 Corn
3010,A	Agrisure® Artesian® 3010 (CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3110,A	Agrisure® Viptera® 3110 w/ Artesian®	LL	LibertyLink®
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	None	conventional corn
3111,A	Agrisure® Viptera® 3111 w/ Artesian®	None,A	conventional corn w/ Artesian®
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)	OI,AQ	Optimum® Intrasect® w/ AQUAMax
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AM,AQ	Optimum® AcreMax® w/ AQUAMax	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OT	Optimum® TRIsect® CHR (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX,AQ	Optimum® AcreMax® Xtra w/ AQUAMax	STX	SmartStax® (VT3P,HXT,RR2,LL)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX,DG	Genuity® DroughtGard® w/ SmartStax®
AMXT,AQ	Optimum® AcreMax® Xtreme w/ AQUAMax	VT2P	Genuity® VT Double PRO®
B	Blended seed (i.e. refuge blend)	VT2P,DG	Genuity® DroughtGard® w/ VT Double PRO®
GT	Agrisure® GT	VT3P	Genuity® VT Triple PRO®
GT,A	Agrisure® GT w/ Artesian	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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