

2016 Corn Silage Harvest Report for Pennsylvania Central [PACE]

David Graybill, Juniata County, PA 17094 [MIFFLINTOWN]



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

PREV. CROP/HERB: Wheat/soybean / Lumax

SOIL INFORMATION: Mertz silt loam, no-till, 6.7 pH, 3.1% OM, mod. high P, moderate K, non-irrigated

UNITS N-P-K Applied: 165-80-290, N Applied: 50 Spring, 115 Planter

PEST MANAGEMENT: Lumax, Capreno, Aatrex, Capture

SEEDED - RATE: May 12 34,000 /A

HARVESTED - STAND: Sep 2 32,700 /A

105 - 116 Day CRM

L2016PACE25

All 24 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 (% 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	20.2	0	33.0	41.1	8.4	38.8	61	0.81	33.0	38	58	3,265	9	19,786
Steyer	11506VT2PRORIB C	VT2P,B	115	18.1	0	33.0	37.3	8.0	36.4	60	0.80	34.9	37	58	3,409	1	18,511
Mid-Atlantic	MA8092VT2P	VT2P,B	109	19.1	0	32.7	39.6	8.5	32.7	61	0.78	38.0	35	59	3,143	13	18,009
AgriGold	A6517VT3PRIB GC	VT3P,B	113	17.4	0	32.8	34.6	8.0	32.8	63	0.79	36.9	37	59	3,372	4	17,602
Augusta	A4759GT3000	3000GT	109	17.6	0	32.3	38.6	8.0	35.4	63	0.80	35.5	40	61	3,319	5	17,524
Chemgro	6859V3	3111	108	18.8	0	32.8	41.7	7.7	35.4	62	0.79	35.5	39	59	3,099	15	17,478
Chemgro	7349G3Z	3122,B	113	16.9	0	32.1	35.5	8.7	33.8	63	0.79	35.9	35	59	3,382	3	17,147
Channel	207-27STXRIB GC	STX,B	107	16.6	0	32.7	39.0	8.3	35.9	56	0.80	35.1	40	61	3,383	2	16,847
Mid-Atlantic	MA8077RR	RR2	107	18.9	0	33.0	42.0	7.7	34.0	61	0.79	35.6	37	58	2,965	21	16,812
Doeblers	RPM 5125AM [^]	AM,B	111	17.6	0	32.9	39.1	8.2	30.5	60	0.79	38.8	41	62	3,161	12	16,690
Channel	210-95STXRIB GC	STX,B	110	17.2	0	32.3	42.5	8.8	36.2	57	0.81	33.5	38	61	3,222	10	16,626
Augusta	A1565GTCBLL	GT/CB/LL	115	16.7	0	32.5	38.4	8.4	35.7	61	0.79	35.6	36	58	3,299	6	16,528
AgriGold	A6573VT3PRIB GC	VT3P,B	114	16.7	0	33.0	34.7	8.6	30.8	63	0.79	37.1	38	64	3,268	8	16,373
Mid-Atlantic	MA8111VT3P	VT3P	111	15.9	0	32.8	35.3	9.4	28.4	62	0.78	40.2	38	61	3,277	7	15,631
Steyer	10805VT2PRORIB C	VT2P,B	108	16.7	0	32.8	37.8	8.5	27.9	59	0.78	40.4	37	60	3,078	18	15,421
TA Seeds	TA583-28RIB	STX,B	108	16.7	0	33.0	39.3	7.9	29.1	61	0.77	40.9	34	58	3,038	19	15,220
Augusta	A1108VT2ProRIB	VT2P,B	108	15.6	0	32.9	36.9	8.0	28.8	59	0.77	41.4	38	61	3,189	11	14,925
Doeblers	RPM 4917AM [^]	AM,B	109	15.9	0	32.8	33.0	8.7	24.8	64	0.75	42.2	35	61	3,080	16	14,692
Mid-Atlantic	MA8127VT3P	VT3P	112	15.6	0	32.0	33.8	8.8	25.5	62	0.76	42.7	36	58	3,101	14	14,513
Augusta	A4363VT2Pro	VT2P	113	15.2	0	33.2	33.2	9.1	25.2	64	0.77	39.6	38	63	3,080	17	14,045
TA Seeds	TA667-31	3111	111	15.2	0	33.0	37.1	8.4	24.5	61	0.75	43.3	34	59	2,910	23	13,270
Augusta	A7664VT3Pro	VT3P	114	14.4	0	32.5	30.0	9.1	25.9	65	0.78	37.8	36	64	3,010	20	13,003
Mid-Atlantic	MA9076	None	107	15.6	0	32.8	33.5	8.4	22.7	66	0.75	42.3	32	58	2,763	24	12,931
Augusta	A5062GT3110	3110	112	14.4	0	32.9	33.9	8.3	21.6	61	0.74	45.8	35	61	2,935	22	12,679

Robin Kauffman

Average =	16.8	0	32.7	37.0	8.4	30.5	61	0.78	38.4	37	60	3,156	15,928
LSD(0.10) =	1.8	ns											
LSD(0.25) =	1.3	ns											
C.V. =	7.8												

Rob Kauffman

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† 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: *Rainfall kept falling off as the growing season progressed. The spring was wet, June rainfall was average, then July and early portion of August saw very little rainfall. Yields are about one-third to one-half of that in a normal year.*

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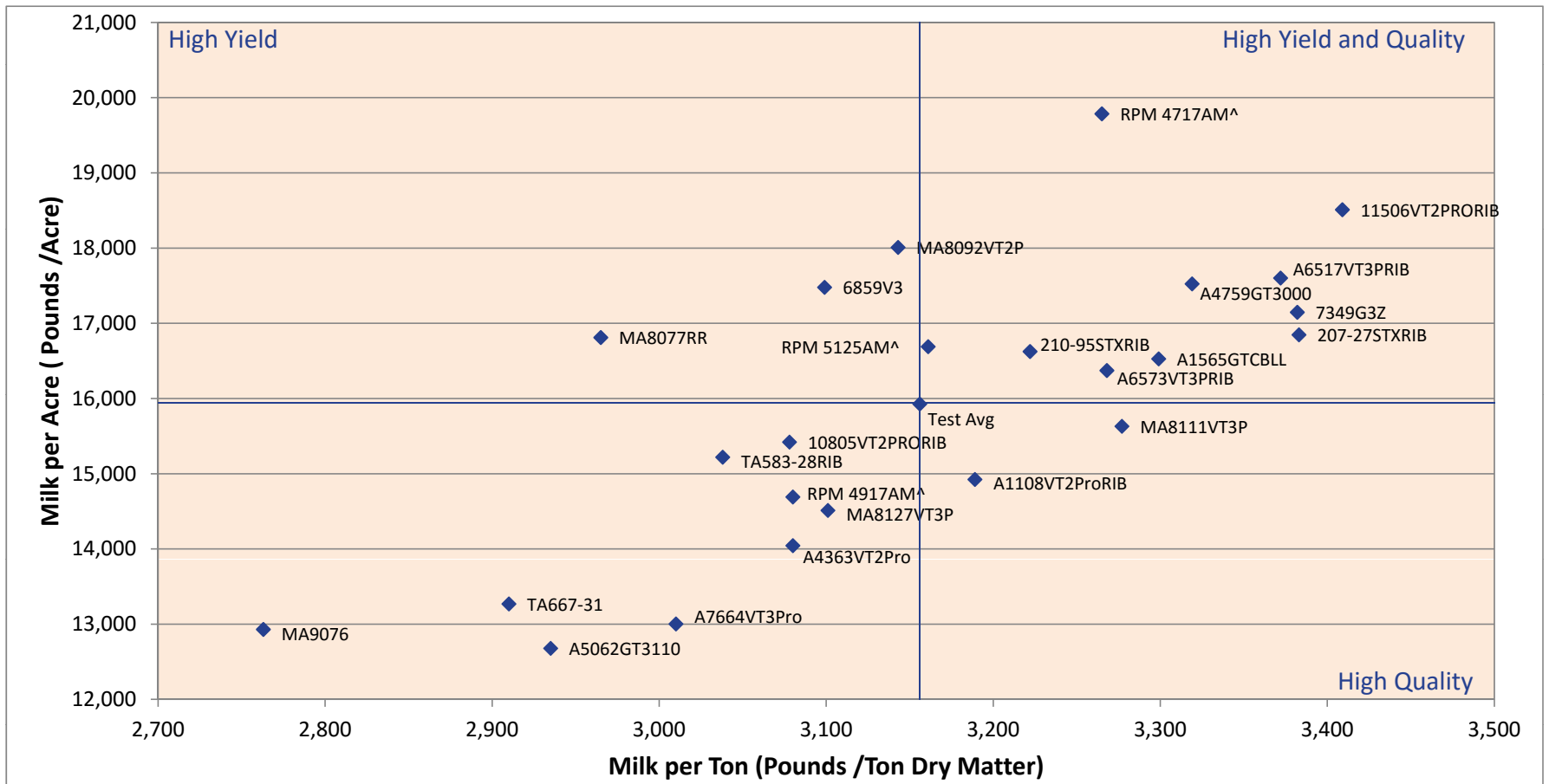
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Report Date: 9/27/2016

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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 Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMmaxx® 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®, VPMmaxx® 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
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3122	Agrisure® 3122 (CB,HXX,RW,LL,GT)	HXT,RR2	Herculex® Xtra, Roundup Ready 2 Corn
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)	LL	LibertyLink®
A	Agrisure® Artesian®	None	conventional corn
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	OI	Optimum® Intrasect®, YHR (YGCB,HX,LL,RR2)
AMT	Optimum® AcreMax® TRIsect (HX,RW,LL,RR2)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme, CYXR (YGCB,HXT,RW,LL,RR2)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AQ	Optimum® AQUAMax®	RW	Agrisure® Rootworm
B	Refuge Blend	STX	SmartStax® (VT3P,HXT,RR2,LL)
CB	Agrisure® Corn Boreer	VT2P	Genuity® VT Double PRO®
DG	Genuity® DroughtGard®	VT3P	Genuity® VT Triple PRO®
GT	Agrisure® GT	YGCB	YieldGard® Corn Borer
GT/CB/LL	Agrisure® GT/CB/LL		

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