

2016 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

SOIL INFORMATION: Hubersburg silt loam, conventional w/o fall till, 6.2 pH, 4.2% OM, high P, mod. high K, non-irrigated

UNITS N-P-K Applied: 195-75-235, N Applied: 90 Fall, 90 Spring, 15 Planter

PEST MANAGEMENT: Lumax, Capreno, Aatrex, Capture

SEEDED - RATE: May 18 34,000 /A

HARVESTED - STAND: Sep 5 32,700 /A

105 - 116 Day CRM

L2016PACE26

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	21.1	0	33.0	32.3	9.9	28.5	55	0.79	33.2	33	62	3,071	2	19,439
Channel	207-27STXRIB GC	STX,B	107	20.7	0	32.7	33.3	9.5	27.9	52	0.78	36.5	33	61	3,110	1	19,313
Channel	210-95STXRIB GC	STX,B	110	21.6	0	32.9	35.5	10.0	25.9	51	0.79	35.6	31	63	2,921	4	18,928
Doeblers	RPM 4917AM [^]	AM,B	109	20.7	0	31.9	32.4	10.1	26.9	56	0.78	34.7	31	62	2,991	3	18,574
Steyer	11506VT2PRORIB C	VT2P,B	115	20.6	0	32.1	29.5	10.3	22.1	52	0.76	38.4	29	60	2,803	6	17,323
Chemgro	6859V3	3111	108	19.1	0	32.8	30.3	10.1	21.9	54	0.77	37.0	33	65	2,765	8	15,843
Doeblers	RPM 5125AM [^]	AM,B	111	20.2	0	32.5	29.6	9.8	20.9	57	0.77	35.8	29	64	2,551	15	15,459
Mid-Atlantic	MA8077RR	RR2	107	19.1	0	32.7	32.1	9.8	22.7	50	0.77	34.2	31	64	2,646	11	15,162
Augusta	A1565GTCBLL	GT/CB/LL	115	18.2	0	33.3	32.6	10.1	22.6	54	0.76	38.2	31	59	2,772	7	15,135
TA Seeds	TA583-28RIB	STX,B	108	17.0	0	32.9	31.4	10.7	22.8	52	0.78	36.2	32	64	2,873	5	14,652
Augusta	A4759GT3000	3000GT	109	18.8	0	33.0	29.9	9.7	19.8	56	0.76	37.8	32	65	2,595	13	14,636
Augusta	A7664VT3Pro	VT3P	114	19.3	0	33.0	28.7	10.7	19.6	56	0.77	35.5	28	66	2,526	16	14,626
Mid-Atlantic	MA8111VT3P	VT3P	111	17.7	0	32.4	29.5	10.3	21.6	53	0.76	37.8	29	61	2,738	9	14,539
Mid-Atlantic	MA8092VT2P	VT2P,B	109	17.7	0	32.8	30.2	10.4	22.2	53	0.77	36.3	30	63	2,720	10	14,443
Chemgro	7349G3Z	3122,B	113	17.3	0	32.8	28.8	10.1	20.2	56	0.76	37.8	28	63	2,617	12	13,582
TA Seeds	TA667-31	3111	111	18.5	0	32.7	26.9	9.7	15.6	55	0.75	39.7	28	66	2,329	19	12,926
Steyer	10805VT2PRORIB C	VT2P,B	108	16.8	0	32.9	32.0	10.8	18.7	50	0.76	37.1	31	65	2,563	14	12,918
Mid-Atlantic	MA8127VT3P	VT3P	112	17.1	0	32.9	28.9	10.3	17.5	55	0.75	39.9	28	62	2,490	17	12,774
Augusta	A1108VT2ProRIB	VT2P,B	108	17.3	0	32.7	30.6	10.2	16.7	53	0.75	39.3	27	62	2,364	18	12,269
AgriGold	A6573VT3PRIB GC	VT3P,B	114	18.1	0	32.1	27.1	11.0	14.0	55	0.74	38.8	27	66	2,243	22	12,179
AgriGold	A6517VT3PRIB GC	VT3P,B	113	17.3	0	32.0	27.7	10.3	16.4	54	0.76	36.8	29	66	2,300	20	11,937
Mid-Atlantic	MA9076	None	107	17.6	0	32.8	27.3	10.2	17.5	53	0.75	37.0	25	61	2,251	21	11,885
Augusta	A4363VT2Pro	VT2P	113	16.4	0	32.3	27.6	10.4	14.7	56	0.74	39.5	27	64	2,242	23	11,031
Augusta	A5062GT3110	3110	112	16.7	0	33.0	26.2	10.4	12.0	55	0.73	40.2	24	63	2,034	24	10,190

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Average =	18.5	0	32.7	30.0	10.2	20.4	54	0.76	37.2	29	63	2,605	14,573
LSD(0.10) =	2.1	ns											
LSD(0.25) =	1.5	ns											
C.V. =	8.4												

† 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: *Emergence and early growth was excellent. By mid-June, the rain shut off until early August. The corn greened back up and had good ear development. Some hybrids had poor pollination due to heat stress and dry conditions. Overall, yields were about 2/3 of a normal year.*

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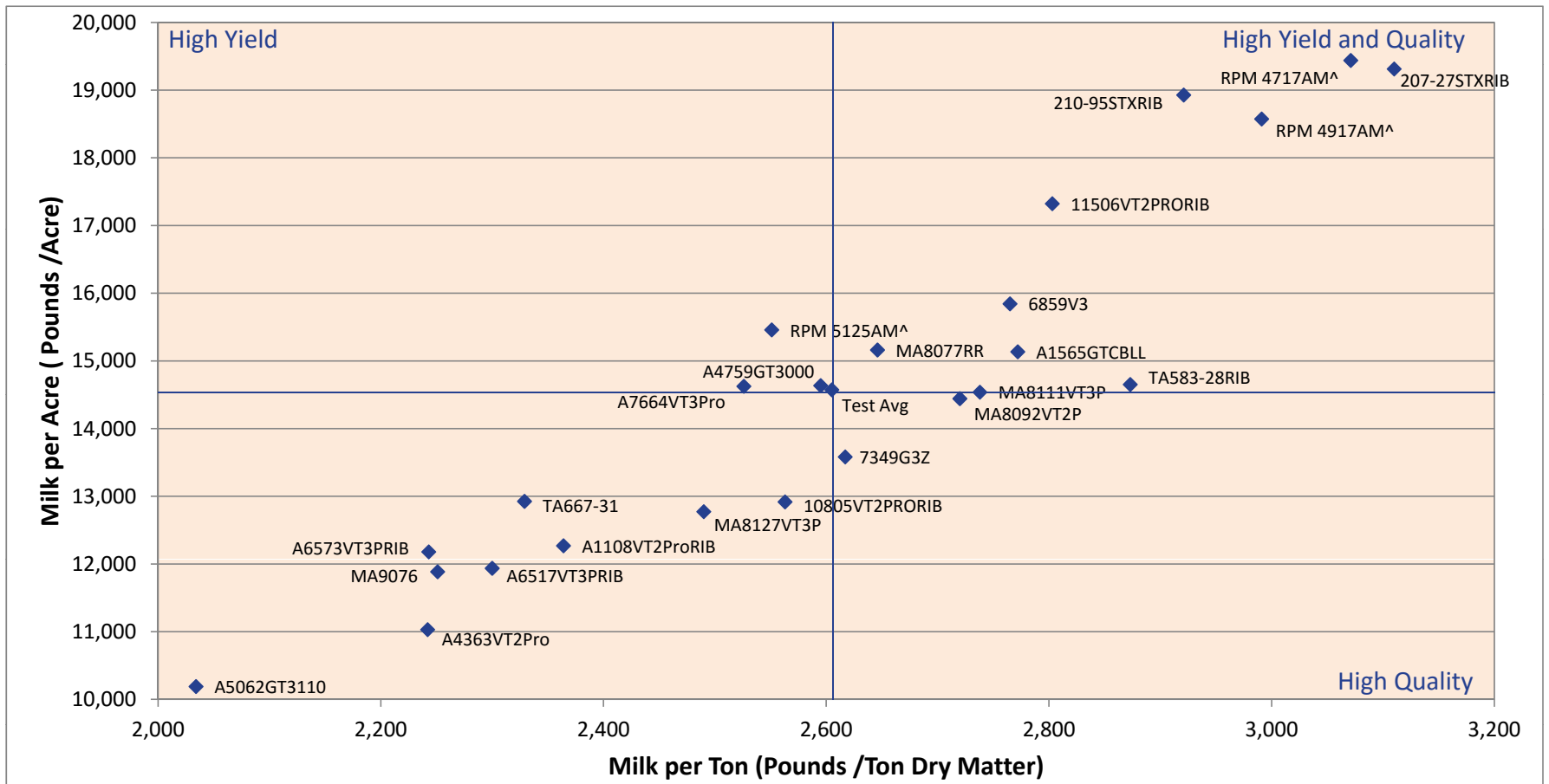
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Report Date: 9/29/2016

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 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.