

# 2013 Corn Silage Harvest Report for Pennsylvania Central [ PACE ]

Adams Farms, Perry County, PA 17066 [ NEW BLOOMFIELD ]



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

PREV. CROP/HERB: Wheat/soybean / glyphosate  
 SOIL INFORMATION: Silt loam, conventional w/o fall till, 6.8 pH, 3.7% OM, mod. high P, mod. low K, non-irrigated  
 UNITS N-P-K Applied: 190-0-0, N Applied: 60 Fall, 130 Spring  
 PEST MANAGEMENT: Verdict, Aatrex  
 SEEDED - RATE: May 16 37,000 /A  
 HARVESTED - STAND: Sep 13 36,100 /A

105 - 112 Day CRM  
 L2013PACE26

## 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 30 Hour (% NDF)	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H <sub>2</sub> O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)				(Lbs)	Rank	
Dyna-Gro	CX50VP43	VT3P	110	34.7	35.0	49.6	7.3	48.0	60	85	31.4	53	3,081	6	32,073
Channel	210-95STXRIB	STX,B	110	33.2	34.3	47.9	8.1	47.4	67	87	28.1	51	3,105	5	30,926
Augusta	A4564GENSS	STX	114	31.7	37.0	53.6	7.8	47.6	56	84	31.4	47	3,006	9	28,587
TA Seeds	TA565-20	3000GT	106	31.3	34.7	43.5	7.5	44.6	66	82	32.4	51	2,993	10	28,104
Augusta	A5262GT3000	3000GT	112	31.3	36.8	45.9	7.7	44.1	56	82	34.9	51	2,987	11	28,048
Augusta	A5462GT3000	3000GT	112	29.9	36.0	47.1	7.1	47.5	64	84	31.9	52	2,963	12	26,578
TA Seeds	TA657-13VP	VT3P	111	30.2	34.7	48.9	7.9	43.7	53	81	34.9	47	2,925	15	26,501
TA Seeds	TA615-16ND	HXT,RR2	110	28.1	36.9	58.8	8.4	48.5	47	86	30.4	50	3,063	7	25,821
TA Seeds	TA583-22DPRIB	VT2P,B	108	28.4	36.5	46.7	8.4	40.7	55	82	37.0	54	3,015	8	25,688
Doebler	RPM 647AM1^	AM1,B	110	28.1	36.8	52.8	7.6	45.5	59	81	33.8	49	2,897	16	24,422
Hubner	H5420VT3P	VT3P	110	27.0	35.9	57.0	7.7	48.9	53	84	30.2	47	2,962	13	23,992
Partners Brand	PB 7841-3111	3111	108	25.5	35.9	48.3	8.3	44.8	50	85	32.6	54	3,114	4	23,822
Doebler	554GRQ	3000GT	105	26.9	37.3	53.8	7.0	42.4	67	79	35.5	49	2,819	20	22,749
TA Seeds	TA614-22DPRIB	VT2P,B	110	27.2	38.1	56.1	8.6	36.9	45	76	39.6	47	2,772	22	22,620
TA Seeds	TA683-13VP	VT3P	112	25.8	37.8	54.6	7.1	48.1	60	83	30.0	43	2,897	17	22,423
Mycogen	TMF2R720 GC	STX,B	110	26.5	38.1	43.2	8.0	30.4	55	72	44.0	51	2,769	24	22,014
Doebler	RPM 657AM^	AM,B	112	22.5	35.1	43.6	8.0	45.7	65	87	31.1	55	3,222	1	21,749
Chemgro	6638G3	3000GT	106	23.5	37.7	50.9	7.0	45.7	72	82	33.9	53	2,896	18	20,417
1st Choice	625	None	109	21.4	35.0	40.6	7.8	43.6	65	82	33.6	53	3,177	2	20,396
Chemgro	7037RVPN	VT3P	110	23.6	36.3	48.8	7.7	36.8	57	76	39.6	47	2,794	21	19,782
Hubner	H5333RC3P	VT3P,B	107	20.8	34.5	42.0	8.6	41.4	52	82	35.9	54	3,170	3	19,781
Doebler	RPM 603XRR^	RR2	108	22.7	37.8	49.7	7.7	44.6	56	79	33.6	48	2,771	23	18,871
Dyna-Gro	D53VC13	VT2P	113	20.7	33.4	44.3	7.5	42.7	63	81	34.9	51	2,942	14	18,270
Augusta	A5461GTCBLL	GT/CB/LL	111	18.9	35.0	44.4	7.5	34.3	59	75	41.3	52	2,831	19	16,052

*Robin Kauffman*

Test Average = **26.7**    **36.1**    **48.8**    **7.8**    **43.5**    **58**    **82**    **34.3**    **50**    **2,966**    **23,737**  
 LSD(0.10) = 5.6  
 C.V. = 15.2

† 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 plant emergence and good growing conditions for most of the season. Strong winds and rain caused some lodging but not enough to impact harvest. Heavy infestations of northern corn leaf blight and gray leaf spot caused hybrids with little resistance to lose leaf moisture rapidly. This is evident by the low moistures (high dry matter) but high starch digestibility. Overall rating of the plot is a 7 out of 10.*

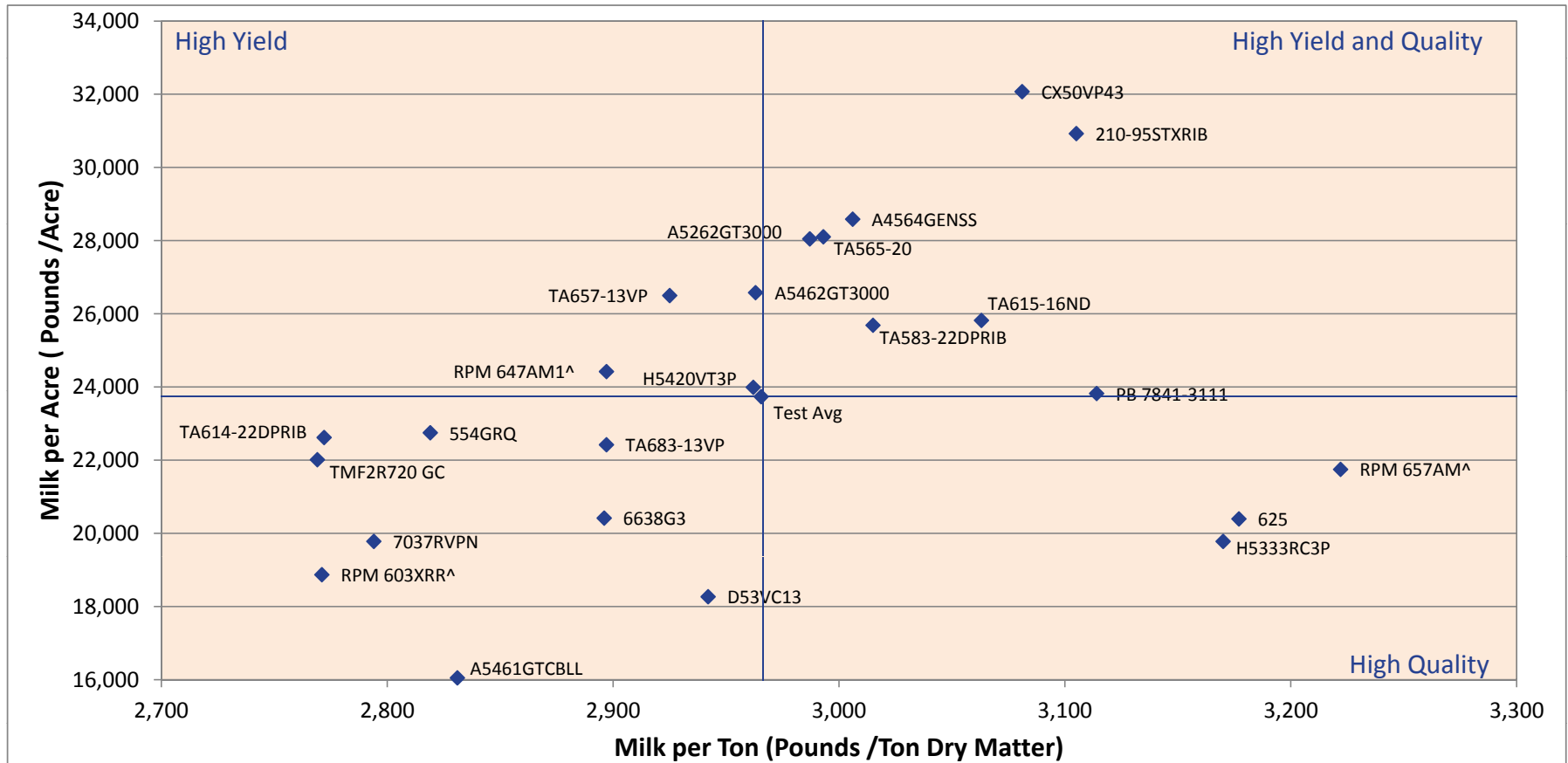
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Report Date: 10/9/2013

Revised:

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## Footnotes and Abbreviation Descriptions

### Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. HPT® brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM® brand seed is distributed by Doebler's 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®, RPM®, Supreme EX®, VPMMaxx® and XL® are registered trademarks of DuPont Pioneer.
GC	Grower Comparison product included by F.I.R.S.T. when space permits.

### Corn Technologies\*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	HX	Herculex® 1, contains LL
3011A	Agrisure® Artesian® (CB,RW,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®
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	None	conventional corn
AM-R	Optimum® AcreMax® (YGCB,HX,RR2)	OI	Optimum® Intrasect® (YGCB,HX,LL,RR2)
AM1	Optimum® AcreMax®1 (HXT,LL,RR2)	OIX	Optimum® Intrasect® Xtra (YGCB,HXT,LL,RR2)
AMRW	Optimum® AcreMax® Rootworm (HXRW,LL,RR2)	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AMRW-R	Optimum® AcreMax® Rootworm (HXRW,RR2)	OT	Optimum® TRIsect® (HX,RW,LL,RR2)
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX-R	Optimum® AcreMax® Xtra (YGCB,HXT,RR2)	STX	SmartStax® (VT3P,HXX)
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,LL,RR2)	VT2P	Genuity® VT Double Pro®
B	Blended seed (i.e. refuge blend)	VT3	YieldGard VT Triple®
CB/LL	Agrisure® CB/LL	VT3P	Genuity® VT Triple Pro®
CB/LL/RW	Agrisure® CB/LL/RW	YGCB	YieldGard® Corn Borer
GT	Agrisure® GT		
GT/CB/LL	Agrisure® GT/CB/LL		

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