

2013 Corn Silage Harvest Report for Pennsylvania Central [PACE]

Gerald Smith, Blair County, PA 16662 [MARTINSBURG]



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

PREV. CROP/HERB: Corn, 2+ yr / Lumax
 SOIL INFORMATION: Silt loam, conventional w/o fall till, 6.8 pH, 3.8% OM, mod. high P, moderate K,
 UNITS N-P-K Applied: 200-0-0, N Applied: 60 Fall, 140 Spring
 PEST MANAGEMENT: Lumax + Atrazine + Capture
 SEEDED - RATE: May 14 34,500 /A
 HARVESTED - STAND: Sep 7 33,700 /A

105 - 112 Day CRM
 L2013PACE24

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 ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)				(Lbs)	Rank	
TA Seeds	TA583-22DPRIB	VT2P,B	108	37.6	32.8	37.8	8.2	47.2	58	87	27.3	44	3,491	16	39,378
Doebler	554GRQ	3000GT	105	37.2	32.8	39.8	7.5	40.4	67	85	33.9	56	3,408	20	38,033
Doebler	RPM 647AM1^	AM1,B	110	33.1	35.2	32.7	9.0	37.2	61	84	36.2	58	3,784	1	37,575
Doebler	RPM 603XRR^	RR2	108	34.8	34.3	33.0	8.1	37.8	60	80	37.0	53	3,557	10	37,135
TA Seeds	TA565-20	3000GT	106	32.2	31.6	35.4	8.4	40.2	63	83	35.8	57	3,610	8	34,873
Dyna-Gro	CX50VP43	VT3P	110	32.2	34.2	28.9	8.3	38.2	59	81	35.1	52	3,600	9	34,776
Augusta	A5262GT3000	3000GT	112	31.6	35.2	36.1	8.6	42.6	59	85	33.4	55	3,655	3	34,649
Augusta	A5462GT3000	3000GT	112	31.6	33.6	33.8	7.9	36.3	68	81	39.2	57	3,638	5	34,488
TA Seeds	TA683-13VP	VT3P	112	31.6	33.7	35.0	8.4	40.3	61	83	34.7	51	3,620	7	34,318
Chemgro	6638G3	3000GT	106	31.0	31.0	34.3	8.7	38.9	60	82	37.6	59	3,654	4	33,982
TA Seeds	TA615-16ND	HXT,RR2	110	31.8	35.5	32.5	8.5	35.3	59	79	37.8	55	3,553	11	33,896
Augusta	A5461GTCBLL	GT/CB/LL	111	30.4	33.8	34.5	8.1	35.8	69	81	38.8	57	3,508	14	31,993
Partners Brand	PB 7841-3111	3111	108	30.0	34.5	31.3	8.4	34.6	61	78	39.7	55	3,499	15	31,491
TA Seeds	TA614-22DPRIB	VT2P,B	110	30.0	34.2	35.8	7.9	38.6	61	80	36.3	49	3,421	19	30,789
1st Choice	625	None	109	29.6	32.5	33.0	8.3	35.9	57	77	37.5	50	3,397	21	30,165
Channel	210-95STXRIB	STX,B	110	28.2	33.7	30.0	8.2	33.6	64	78	39.1	53	3,514	13	29,728
Hubner	H5333RC3P	VT3P,B	107	27.2	34.7	30.7	8.3	37.6	57	81	36.0	54	3,631	6	29,629
Augusta	A4564GENSS	STX	114	28.0	33.9	35.2	8.5	40.7	55	82	33.7	51	3,527	12	29,627
Chemgro	7037RVPN	VT3P	110	25.0	33.3	32.7	9.0	39.6	54	82	32.7	50	3,659	2	27,443
Dyna-Gro	D53VC13	VT2P	113	25.6	35.1	34.5	7.9	40.2	56	80	35.9	52	3,462	17	26,588
Hubner	H5420VT3P	VT3P	110	24.9	32.8	27.7	9.0	34.2	62	81	34.9	53	3,437	18	25,674
Mycogen	TMF2R720 GC	STX,B	110	27.6	33.8	30.0	8.3	25.6	64	73	46.1	52	3,100	24	25,668
Doebler	RPM 657AM^	AM,B	112	25.9	32.1	32.1	7.3	29.4	71	79	40.2	58	3,155	23	24,514
TA Seeds	TA657-13VP	VT3P	111	18.6	34.6	27.3	9.5	27.9	55	77	42.9	55	3,360	22	18,749

Robin Kauffman

Test Average = **29.8** **33.7** **33.1** **8.3** **37** **61** **81** **36.7** **54** **3,510** **31,465**
 LSD(0.10) = 3.9
 C.V. = 9.5

† 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 plot. Some lodging occurred on two hybrids and were negatively impacted. Adequate rainfall and very little heat stress permitted these silage hybrids to perform close to their highest yield level. Diseases came in late. Northern corn leaf blight being the most prominent, yields and drydown were only slightly reduced. The dry conditions in August but did not effect pollination or ear fill. Overall rating of this test was a 9 out of 10.*

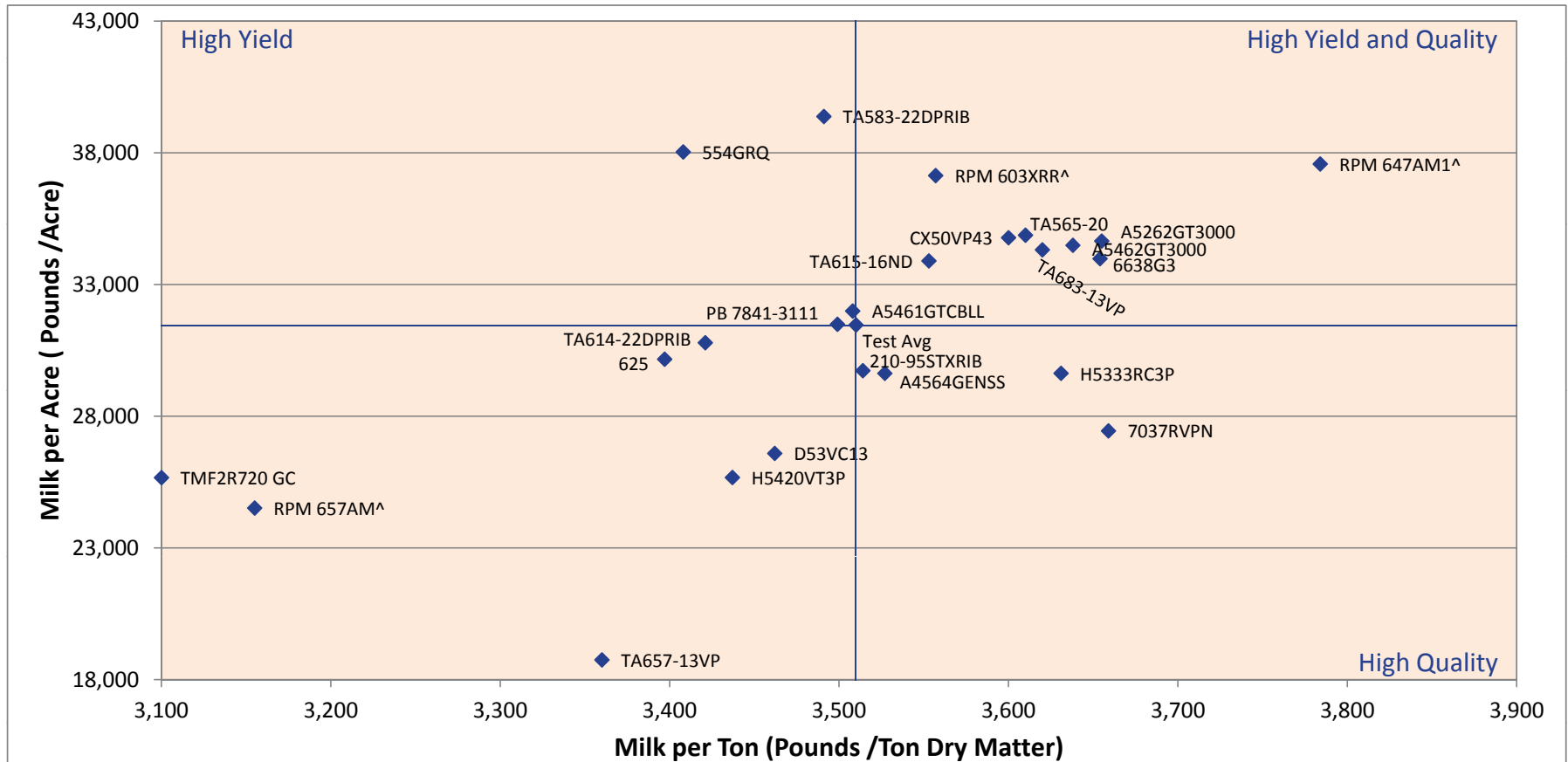
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Report Date: 9/25/2013

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.