

2018 Corn Silage Harvest Report for Pennsylvania Central [PACE]

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



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

PREV. CROP/HERB: Corn / Capreno, atrazine

SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.4 pH, 3.7% OM, 11.5 CEC, non-irrigated

UNITS N-P-K Applied: 210-150-135, N Applied: 145 Fall, 60 Spring, 5 Planter

PEST MANAGEMENT: glyphosate, Capture, Capreno, atrazine

SEEDED - RATE: May 25 34,000 /A

HARVESTED - STAND: Oct 1 32,900 /A

105 - 116 Day CRM

L2018PACE25

All 36 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)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank	
Augusta	A5663GT3000	3000GT	113	28.9	33.8	42.4	7.9	39.7	45.5	0.77	36.4	34.1	50.4	15.5	2,850	1	24,710
Dyna-Gro	D52VC63	VT2P	112	27.5	33.3	55.9	7.3	44.8	52.2	0.78	34.1	33.9	49.8	12.9	2,711	3	22,366
Mid-Atlantic	MA5166GT3	3000GT	116	28.2	32.5	47.6	7.2	39.6	52.7	0.75	37.5	32.6	49.4	15.3	2,585	11	21,869
Hubner	H6755RCSS	STX,B	114	27.3	32.8	48.9	6.8	44.6	48.1	0.77	35.6	33.4	47.3	16.1	2,597	10	21,269
Pioneer	P0843AM GC	AM,B	108	25.9	32.0	57.1	7.2	48.7	49.7	0.78	31.7	34.1	48.9	13.8	2,672	5	20,761
Hubner	H6663RCSS	STX,B	113	27.3	34.7	43.6	6.9	41.0	52.2	0.75	38.2	30.0	45.2	16.7	2,531	15	20,729
Dyna-Gro	D49VC70	VT2P	109	24.9	33.7	48.6	7.2	43.8	50.2	0.77	34.7	31.8	47.7	15.6	2,657	7	19,848
Local Seed Co.	LC1349VT2P	VT2P,B	113	23.8	33.0	48.8	7.5	48.0	46.6	0.80	30.4	33.4	49.2	13.3	2,778	2	19,835
Hubner	H6563RCSS	STX,B	111	25.4	32.8	47.5	6.8	44.0	51.4	0.76	35.8	33.3	47.4	15.7	2,565	12	19,545
Channel	209-15STXRIB GC	STX,B	109	25.0	32.4	54.4	7.1	42.6	50.1	0.76	37.0	32.2	47.5	16.2	2,547	13	19,103
Seed Consultants	SCS 1158AM	AM,B	115	23.7	30.7	45.0	7.1	41.0	51.5	0.76	36.8	34.0	49.4	14.6	2,643	8	18,792
Local Seed Co.	LC0877VT2P	VT2P,B	108	23.4	34.2	59.8	7.3	46.2	48.8	0.77	34.0	35.9	51.0	14.3	2,661	6	18,680
Hubner	H6624RCSS	STX,B	112	25.3	34.1	41.9	6.9	34.3	51.5	0.72	43.6	29.7	45.6	19.0	2,449	22	18,588
Channel	210-98STXRIB GC	STX,B	110	25.8	34.2	45.2	6.4	36.7	49.5	0.73	42.2	32.5	46.8	17.5	2,400	29	18,576
Chemgro	6859V3	3111	108	24.9	32.8	54.0	6.2	36.9	49.9	0.73	42.6	36.2	48.6	17.4	2,438	26	18,212
Augusta	A1165VT2ProRIB	VT2P,B	115	26.0	31.8	46.1	6.8	36.5	53.3	0.72	42.1	30.7	43.9	18.0	2,289	33	17,854
Hubner	H4755RC2P	VT2P,B	114	24.3	31.8	53.3	7.1	42.2	50.9	0.74	38.3	31.7	45.0	17.8	2,419	28	17,635
Augusta	A5162GT3000	3000GT	112	23.3	32.0	55.2	6.9	43.3	45.4	0.76	37.8	33.6	45.9	16.1	2,516	17	17,587
Mid-Atlantic	MA5161-3220	3220	116	24.0	32.7	49.5	6.9	35.9	51.4	0.73	41.2	33.0	46.7	17.4	2,438	27	17,554
Mycogen	TMF14R77	STX	114	21.6	33.4	41.0	7.0	39.9	52.1	0.75	38.8	32.6	45.9	16.5	2,677	4	17,347
Augusta	A1564GT3000	3000GT	114	23.7	33.9	55.6	7.0	43.3	50.7	0.75	37.5	31.5	44.2	18.1	2,439	25	17,341
Seed Consultants	SCS 1087AM	AM,B	108	23.6	33.6	45.8	7.0	39.4	51.2	0.74	40.2	32.7	47.1	16.8	2,447	23	17,325
Augusta	A1367GT3220	3220	116	21.8	33.8	46.1	7.2	41.4	49.6	0.77	36.4	34.6	49.3	14.9	2,643	9	17,285
Mycogen	TMF05N70	None	105	21.7	32.4	49.1	6.2	42.2	45.6	0.76	38.4	34.1	46.3	17.5	2,544	14	16,561

Harvest Report table continued next page

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Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)		uNDF (%DM) 240 h	Milk/Ton DM††		Milk/Acre (Lbs)	
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			12 h	30 h		(Lbs)	Rank		
NK Brand	NK0886-3010	3010	108	22.0	32.5	56.1	7.0	44.0	46.8	0.75	36.5	32.2	46.6	17.3	2,502	19	16,513	
Pioneer	P0789AMXT GC	AMXT,B	107	21.9	32.9	51.0	6.6	39.9	46.0	0.75	39.7	33.9	48.0	16.9	2,512	18	16,504	
Chemgro	7395V4Z	3220,B	113	23.0	32.4	53.4	7.2	41.0	50.1	0.73	40.1	31.6	44.5	18.8	2,351	30	16,222	
Doebler's	RPM 4717AMX	AMX,B	107	22.9	30.7	49.3	6.9	33.7	51.8	0.72	43.8	32.3	43.6	19.4	2,325	31	15,973	
Doebler's	RPM 4318AMXT	AMXT,B	103	24.6	33.0	48.6	7.2	35.1	48.9	0.70	43.8	26.8	38.9	21.8	2,142	35	15,808	
Local Seed Co.	LC1600VT3P	VT3P,B	116	21.2	33.6	51.9	6.8	40.9	47.8	0.74	38.7	32.1	45.9	17.2	2,452	21	15,595	
Augusta	A1064	None	114	20.8	32.8	49.5	7.2	43.0	50.8	0.75	36.7	32.0	46.8	15.5	2,477	20	15,456	
Mid-Atlantic	MA5129GT3	3000GT	112	22.3	33.0	49.7	6.9	38.1	45.0	0.73	42.3	28.9	42.5	20.9	2,304	32	15,414	
Mycogen	TMF16S87	STX	116	24.9	32.9	40.2	7.0	28.3	49.6	0.67	49.1	25.2	36.1	22.9	2,056	36	15,358	
Mid-Atlantic	MA9144	None	114	20.9	31.4	49.5	7.6	40.3	43.0	0.74	38.5	28.2	43.5	18.9	2,447	24	15,343	
NK Brand	NK0440-3010	3010	104	20.1	32.5	54.3	6.7	41.2	51.3	0.75	38.9	31.9	47.4	17.2	2,520	16	15,196	
NK Brand	NK0986-3111	3111	109	21.3	32.9	51.8	6.6	36.4	49.0	0.71	43.2	29.8	42.4	19.8	2,239	34	14,307	
				Average =	24.0	32.9	49.7	7.0	40.5	49.5	0.75	38.7	32.1	46.2	17.0	2,495		17,974
				LSD(0.10) =	2.2													
				LSD(0.25) =	1.2													
				C.V. =	8.7													

Robin Kauffman

Rob Kauffman

rkmaits@aol.com, (717) 413-0763

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

TEST COMMENTS: *Wet conditions at planting but emergence was good. Dry conditions here from late June into early July. Rainfall for the remaining of the growing season was well above average. Harvest was delayed due to wet field conditions and gray leaf spot fired most all leaf tissue.*

Visit us at www.firstseedtests.com

Report Date: 10/4/2018

Revised:

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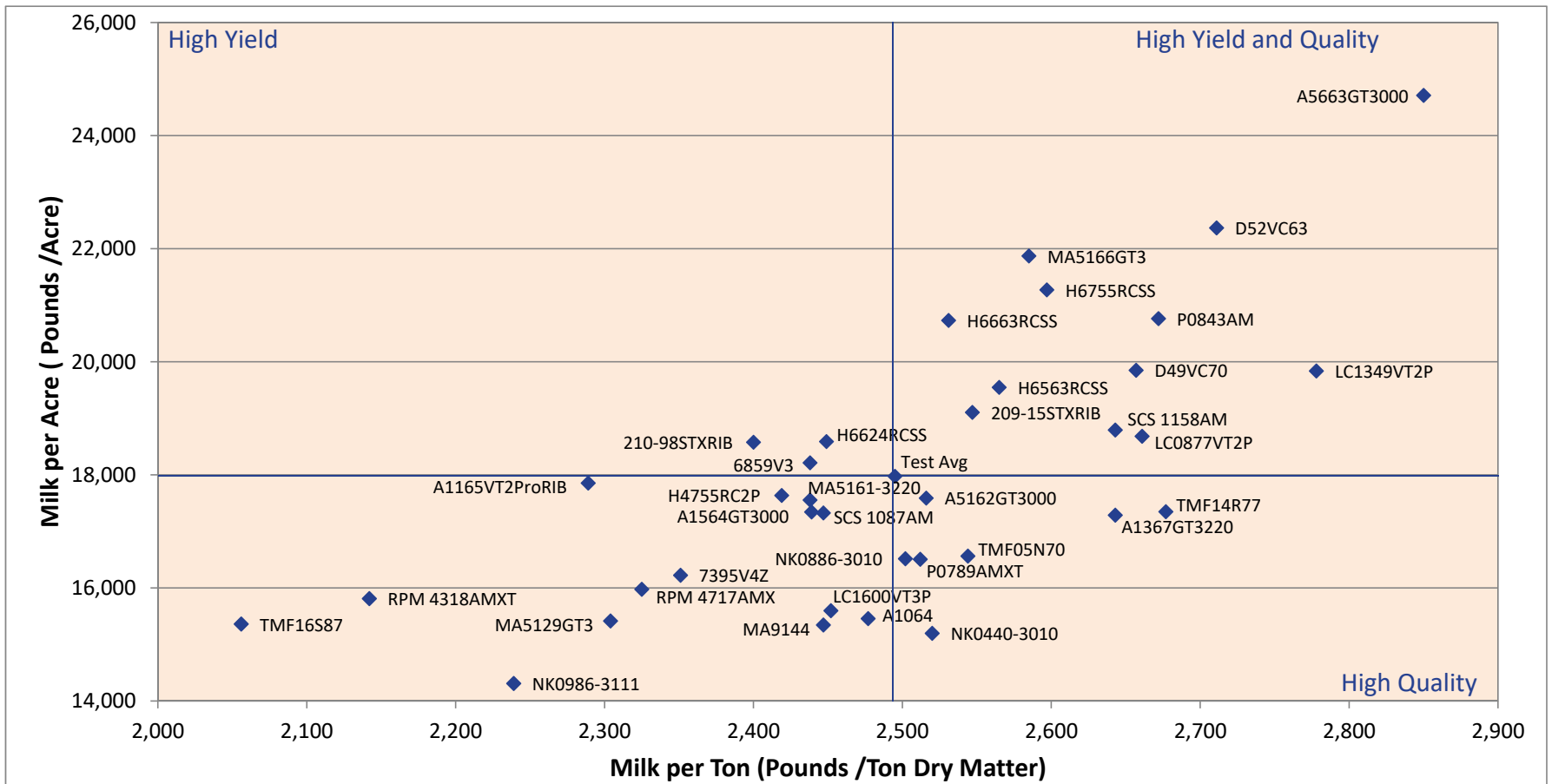
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 SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.4 pH, 3.7% OM, 11.5 CEC, non-irrigated
 UNITS N-P-K Applied: 210-150-135, N Applied: 145 Fall, 60 Spring, 5 Planter
 PEST MANAGEMENT: glyphosate, Capture, Capreno, atrazine
 SEEDED - RATE: May 25 34,000 /A
 HARVESTED - STAND: Oct 1 32,900 /A

105 - 116 Day CRM
 L2018PACE25



Report Date: 10/4/2018

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	Innotech™ brand seed is distributed by Rob-See-Co, LLC. Phoenix® brand seed is distributed by Advanta Seeds. Power Plus® brand seed is distributed by Burrus. Innotech™ and Phoenix® are trademarks of Syngenta. Power Plus® is a registered trademark of Corteva Agriscience.
GC	Grower Comparison product included by FIRST when space permits.

Corn Technologies*

3000GT	Agrisure® 3000GT (CB,RW,LL,GT)	GT	Agrisure® GT
3010	Agrisure® 3010 (CB,LL,GT)	HX	Herculex® 1, contains LL
3011,A	Agrisure® Artesian® (CB,RW,LL,GT)	HXRW	Herculex® Rootworm, contains LL
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	HXT	Herculex® Xtra (HX,HXRW,LL)
3111	Agrisure® Viptera® 3111 (Vip,CB,RW,LL,GT)	LL	LibertyLink®
3120	Agrisure® 3120 (CB,HX,LL,GT)	None	conventional corn
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)	OIX	Optimum® Intrasect® Xtra, YXR (YGCB,HXT,LL,RR2)
A	Agrisure® Artesian®	OIXT	Optimum® Intrasect® Xtreme (YGCB,HXT,RW,LL,RR2)
AM	Optimum® AcreMax® (YGCB,HX,LL,RR2)	PC	PowerCore™ (HX, VT2P)
AMT	Optimum® AcreMax® TRIssect (HX,RW,LL,RR2)	RR2	Roundup Ready® 2 Corn
AMX	Optimum® AcreMax® Xtra (YGCB,HXT,LL,RR2)	RW	Agrisure® Rootworm
AMXT	Optimum® AcreMax® Xtreme (YGCB,HXT,RW,LL,RR2)	STX	SmartStax® (VT3P,HXT,RR2,LL)
AQ	Optimum® AQUAMax®	VT2P	Genuity® VT Double PRO®
B	Refuge Blend	VT3P	Genuity® VT Triple PRO®
CB	Agrisure® Corn Borer	YGCB	YieldGard® Corn Borer
DG	Genuity® DroughtGard®		

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