

2018 Corn Silage Harvest Report for Pennsylvania Southeast [PASE]

Marlon High, Lebanon County, PA 17042 [LEBANON]



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

PREV. CROP/HERB: Corn / Lexar

SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.8 pH, 3.7% OM, 7.6 CEC, non-irrigated

UNITS N-P-K Applied: 204-131-190, N Applied: 144 Fall, 6 Planter, 54 Side

PEST MANAGEMENT: Halex GT, atrazine, Capture, Capreno

SEEDED - RATE: May 8 34,000 /A

HARVESTED - STAND: Sep 19 33,200 /A

113 - 119 Day CRM

L2018PASE19

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	A1165VT2ProRIB	VT2P,B	115	31.8	34.3	45.6	7.6	43.2	57.2	0.80	33.3	35.0	52.7	12.7	2,872	3	27,399
NK Brand	NK1808-3111	3111	118	31.5	35.0	39.0	7.7	36.7	57.3	0.74	39.4	32.7	50.2	14.8	2,862	4	27,046
Seed Consultants	SCS 1158AM	AM,B	115	32.4	30.3	52.2	6.5	45.4	55.2	0.79	32.2	27.7	53.2	11.5	2,753	12	26,759
Local Seed Co.	LC1776VT2P	VT2P,B	117	30.4	33.6	48.7	7.3	48.0	52.8	0.81	29.5	31.8	49.4	12.7	2,850	8	25,992
Chemgro	7658G3	3000GT	116	32.6	34.2	45.0	7.5	37.4	55.4	0.75	38.4	34.3	51.3	14.6	2,650	21	25,917
Augusta	A1064	None	114	32.1	32.1	51.5	7.2	46.7	56.8	0.77	32.6	32.2	50.0	12.5	2,661	20	25,625
Channel	215-83STXRIB GC	STX,B	115	32.3	34.7	48.0	7.4	42.6	53.9	0.77	35.2	31.3	46.6	14.9	2,637	24	25,553
Local Seed Co.	LC1600VT3P	VT3P,B	116	33.6	34.1	50.0	6.9	41.3	53.6	0.76	36.5	31.5	45.7	15.7	2,534	33	25,543
Augusta	A1367GT3220	3220	116	30.9	33.0	40.8	7.3	37.3	55.9	0.75	38.8	32.1	47.6	16.0	2,754	11	25,530
Doebblers	RPM 4717AMX	AMX,B	107	29.5	31.9	49.7	7.9	47.1	53.5	0.80	29.7	33.5	52.0	10.4	2,861	5	25,320
Augusta	A5663GT3000	3000GT	113	27.9	32.0	46.6	8.1	45.8	51.8	0.82	29.1	36.4	53.9	9.5	3,009	1	25,185
Seed Consultants	SCS 1087AM	AM,B	108	29.5	33.6	51.5	7.1	47.6	56.4	0.80	31.3	35.4	52.1	11.7	2,829	10	25,037
Chemgro	7789RSX	STX,B	117	29.2	33.7	44.1	7.5	45.0	56.2	0.79	32.0	33.6	50.8	12.8	2,853	7	24,992
Chemgro	7795V4Z	3220,B	117	28.3	32.4	40.2	7.5	39.8	54.4	0.76	36.4	33.3	50.6	14.4	2,936	2	24,927
Seed Consultants	SCS 1188AM	AM,B	118	30.1	33.9	46.1	8.2	43.5	54.2	0.78	32.8	32.9	49.0	13.5	2,737	14	24,715
Seedway	6999-3000GT GC	3000GT	114	30.4	31.1	47.0	7.3	43.9	57.9	0.78	33.5	34.7	50.4	12.8	2,702	17	24,642
Hubner	H4755RC2P	VT2P,B	114	29.8	33.6	53.4	7.2	45.5	49.9	0.79	33.5	33.7	49.6	14.1	2,735	15	24,451
Dyna-Gro	D55VC45	VT2P	115	31.1	33.9	49.0	7.6	41.8	54.3	0.76	36.0	33.1	48.9	14.2	2,620	27	24,445
Hubner	H6563RCSS	STX,B	111	30.2	32.9	44.8	7.6	42.5	52.8	0.78	34.1	32.8	48.8	14.4	2,697	18	24,435
Mycogen	TMF14R77	STX	114	31.8	31.8	45.8	7.4	40.9	57.0	0.76	36.1	32.8	45.5	15.4	2,526	34	24,098
Local Seed Co.	LC1349VT2P	VT2P,B	113	31.3	30.3	54.3	7.1	40.5	52.1	0.76	37.4	31.1	46.9	16.4	2,562	29	24,057
Hubner	H6624RCSS	STX,B	112	28.5	33.4	45.9	7.3	42.3	55.6	0.77	35.2	34.6	52.5	13.3	2,748	13	23,495
Mid-Atlantic	MA5166GT3	3000GT	116	27.4	32.4	40.3	7.4	38.4	55.9	0.75	38.1	33.5	50.1	14.6	2,842	9	23,361
Mycogen	TMF16S87	STX	116	28.7	33.9	46.9	7.8	46.8	52.9	0.79	31.4	33.5	48.2	13.1	2,713	16	23,359

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All 36 Products Tested, 3 Rep. Yield Average (continued)

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	
Mid-Atlantic	MA8163SS	STX	116	30.3	35.4	47.1	7.4	39.2	56.0	0.75	37.6	31.1	46.2	16.5	2,551	31	23,189
Doeblers	RPM 4318AMXT	AMXT,B	103	28.8	34.8	50.6	8.0	43.8	52.6	0.78	32.8	29.5	46.2	13.9	2,673	19	23,095
Channel	219-77STXRIB GC	STX,B	119	29.1	30.2	41.3	7.4	40.1	56.6	0.75	37.3	29.5	43.7	16.2	2,642	23	23,065
Augusta	A1564GT3000	3000GT	114	32.2	34.5	49.8	7.0	34.4	52.1	0.72	44.3	31.7	47.9	17.8	2,382	36	23,010
Hubner	H6890RCSS	STX,B	117	30.7	33.0	43.1	7.7	30.9	55.1	0.72	44.6	29.5	44.5	19.2	2,454	35	22,601
Hubner	H6663RCSS	STX,B	113	28.4	36.0	50.3	7.4	45.2	55.1	0.77	33.5	32.0	48.5	13.7	2,644	22	22,527
Pioneer	P0843AM GC	AM,B	108	25.9	32.8	46.5	7.4	44.9	52.4	0.80	32.3	36.1	52.9	12.5	2,854	6	22,176
Augusta	A5162GT3000	3000GT	112	27.6	32.1	49.0	6.9	44.2	51.7	0.77	34.9	32.5	48.4	14.9	2,637	25	21,834
NK Brand	NK1452-3120-EZR	3120,B	114	27.7	33.3	53.9	6.7	43.3	53.4	0.77	34.7	24.7	47.9	14.6	2,607	28	21,664
Mid-Atlantic	MA9144	None	114	27.9	32.3	55.0	7.4	43.3	46.0	0.76	35.7	32.0	47.1	16.5	2,557	30	21,402
Hubner	H6755RCSS	STX,B	114	27.0	33.9	49.3	6.5	39.8	54.9	0.75	39.3	32.0	47.9	16.5	2,549	32	20,647
NK Brand	NK1284-3220-EZR	3220,B	112	23.8	34.5	48.9	7.4	42.5	53.3	0.77	35.6	33.1	49.0	14.7	2,635	26	18,814
				Average =	29.7	33.2	47.5	7.4	42.3	54.2	0.77	35.1	32.4	49.1	14.3	2,698	24,053

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Average = 29.7
 LSD(0.10) = 2.0
 LSD(0.25) = 1.0
 C.V. = 6.3

† 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 soils and heavy rains before and after planting caused some emergence problems. Rainfall for June and early July was lower than normal and hot temperatures held back yield. Heavy rains in September kept harvest delayed due to wet fields.*

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Report Date: 9/25/2018

Revised:

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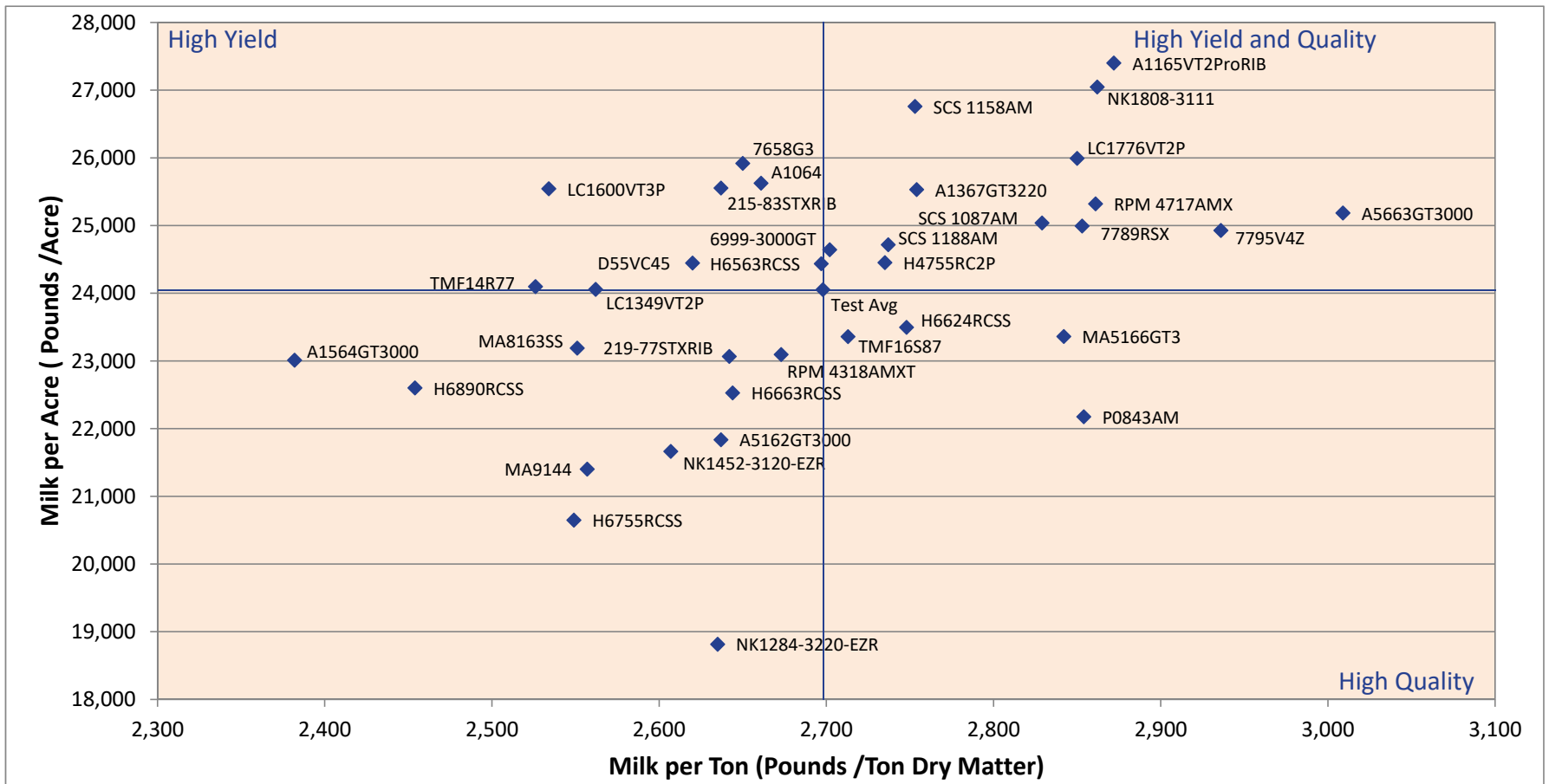
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PREV. CROP/HERB: Corn / Lexar
 SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.8 pH, 3.7% OM, 7.6 CEC, non-irrigated
 UNITS N-P-K Applied: 204-131-190, N Applied: 144 Fall, 6 Planter, 54 Side
 PEST MANAGEMENT: Halex GT, atrazine, Capture, Capreno
 SEDED - RATE: May 8 34,000 /A
 HARVESTED - STAND: Sep 19 33,200 /A

113 - 119 Day CRM
 L2018PASE19



Report Date: 9/25/2018

Revised:

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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.