

2018 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: Alfalfa

SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.5 pH, 3.6% OM, 9.6 CEC, non-irrigated

UNITS N-P-K Applied: 221-141-180, N Applied: 210 Spring, 11 Planter

PEST MANAGEMENT: Acuron, Capture

SEEDED - RATE: May 5 35,000 /A

HARVESTED - STAND: Sep 29 34,900 /A

105 - 116 Day CRM

L2018PACE23

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	
Mid-Atlantic	MA5166GT3	3000GT	116	35.0	34.2	40.5	7.1	35.3	53.3	0.73	40.4	31.7	48.2	16.7	2,726	1	28,623
Augusta	A5663GT3000	3000GT	113	32.2	34.6	45.2	7.1	40.7	49.6	0.76	37.3	32.0	48.2	16.7	2,616	5	25,271
Mid-Atlantic	MA5161-3220	3220	116	30.8	34.1	41.4	7.6	36.2	49.4	0.73	39.1	30.9	48.5	16.0	2,676	4	24,726
Augusta	A1367GT3220	3220	116	29.0	36.1	35.8	7.4	29.1	53.4	0.70	44.3	30.8	45.1	19.2	2,717	2	23,638
Seed Consultants	SCS 1158AM	AM,B	115	31.1	33.2	44.3	7.1	42.0	50.4	0.75	36.7	31.6	45.2	16.1	2,505	12	23,372
Mycogen	TMF14R77	STX	114	28.5	34.7	39.0	6.9	40.2	51.9	0.73	38.6	32.9	44.8	16.6	2,708	3	23,153
Local Seed Co.	LC1600VT3P	VT3P,B	116	31.8	35.0	47.3	6.8	40.6	44.9	0.74	39.2	32.5	44.3	18.5	2,407	18	22,963
Dyna-Gro	D52VC63	VT2P	112	30.6	35.2	45.1	7.0	42.5	50.9	0.75	37.0	30.6	45.4	17.6	2,493	13	22,886
Local Seed Co.	LC1349VT2P	VT2P,B	113	29.1	34.5	41.3	7.2	40.5	51.5	0.74	38.0	28.2	43.2	18.0	2,587	8	22,585
Augusta	A1165VT2ProRIB	VT2P,B	115	30.4	34.7	42.1	7.2	36.2	51.0	0.72	41.6	31.6	43.5	19.0	2,467	14	22,499
Hubner	H6663RCSS	STX,B	113	28.2	34.7	40.7	6.8	40.2	50.7	0.74	39.6	28.8	42.8	19.1	2,591	6	21,920
Chemgro	6859V3	3111	108	30.3	35.0	46.7	6.9	41.2	49.1	0.74	38.5	32.3	44.9	17.8	2,399	19	21,807
Mycogen	TMF05N70	None	105	31.3	35.1	45.7	6.7	40.6	42.4	0.73	40.5	29.3	41.9	20.0	2,300	27	21,597
Channel	210-98STXRIB GC	STX,B	110	28.2	34.6	37.8	6.9	32.4	50.1	0.70	45.1	31.0	43.1	19.6	2,541	9	21,497
Pioneer	P0843AM GC	AM,B	108	27.5	35.0	46.6	7.0	46.0	48.1	0.76	34.3	31.6	45.3	16.1	2,531	11	20,881
Hubner	H6563RCSS	STX,B	111	30.4	35.0	45.6	6.8	38.8	49.0	0.73	40.7	30.0	41.0	20.4	2,280	29	20,794
NK Brand	NK0986-3111	3111	109	26.7	33.7	43.5	7.2	45.0	49.3	0.76	35.0	29.6	44.6	17.2	2,591	7	20,754
Local Seed Co.	LC0877VT2P	VT2P,B	108	28.5	34.7	52.7	6.8	43.6	45.0	0.75	37.9	31.5	43.2	19.4	2,394	20	20,469
Hubner	H4755RC2P	VT2P,B	114	28.4	35.4	44.6	6.7	42.8	45.8	0.75	38.1	28.8	43.2	18.8	2,393	21	20,388
Hubner	H6624RCSS	STX,B	112	27.7	36.5	42.2	7.4	39.5	46.3	0.73	40.4	29.0	44.3	18.9	2,453	15	20,384
Doebblers	RPM 4318AMXT	AMXT,B	103	26.7	34.3	44.4	8.3	43.7	49.2	0.76	34.7	29.3	45.4	15.1	2,538	10	20,329
Pioneer	P0789AMXT GC	AMXT,B	107	28.6	35.1	44.4	6.8	39.8	49.2	0.73	39.9	27.2	39.2	20.0	2,286	28	19,614
Augusta	A5162GT3000	3000GT	112	27.5	36.7	49.7	6.4	44.0	45.4	0.75	38.3	29.6	42.3	19.7	2,367	23	19,528
Dyna-Gro	D49VC70	VT2P	109	27.4	34.2	46.1	6.9	43.0	45.6	0.74	37.9	29.7	42.4	19.1	2,362	24	19,416

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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	
Channel	209-15STXRIB GC	STX,B	109	28.6	35.6	48.9	7.2	38.7	45.6	0.72	41.0	29.4	41.2	19.7	2,250	30	19,305
Seed Consultants	SCS 1087AM	AM,B	108	26.2	37.0	41.3	6.8	38.9	49.5	0.72	40.7	30.8	42.0	18.4	2,443	16	19,202
NK Brand	NK0440-3010	3010	104	26.3	36.0	51.1	6.7	41.4	46.5	0.74	39.6	34.2	46.4	18.1	2,410	17	19,015
Augusta	A1064	None	114	26.5	35.1	47.3	6.7	45.0	48.0	0.74	35.8	29.9	41.9	17.4	2,352	25	18,698
Hubner	H6755RCSS	STX,B	114	27.3	33.4	44.9	6.5	36.4	47.7	0.71	43.3	29.2	40.4	20.8	2,166	33	17,740
Doebler	RPM 4717AMX	AMX,B	107	24.7	30.3	41.8	6.9	38.9	45.6	0.72	41.9	28.0	39.3	21.5	2,371	22	17,569
Mid-Atlantic	MA5129GT3	3000GT	112	26.4	33.8	50.7	5.9	38.1	43.4	0.71	43.7	30.7	41.6	21.5	2,188	32	17,329
Mid-Atlantic	MA9144	None	114	27.9	35.0	43.3	7.4	33.3	42.4	0.69	45.5	24.8	36.2	23.7	2,069	35	17,318
Augusta	A1564GT3000	3000GT	114	25.3	35.8	47.1	6.2	40.2	50.1	0.72	41.5	30.9	41.4	20.8	2,225	31	16,888
NK Brand	NK0886-3010	3010	108	24.1	35.9	50.6	6.5	41.8	43.2	0.73	39.5	30.3	42.5	19.9	2,324	26	16,803
Chemgro	7395V4Z	3220,B	113	26.9	36.7	45.7	6.4	32.8	44.9	0.68	47.8	29.6	39.9	22.9	2,001	36	16,148
Mycogen	TMF16S87	STX	116	15.8	34.3	26.1	7.0	28.4	44.4	0.65	50.8	21.8	31.6	27.9	2,155	34	10,215
				Average =	28.1	34.9	44.2	6.9	39.4	47.9	0.73	40.1	30.0	42.9	19.1	2,413	20,426
				LSD(0.10) =	2.3												
				LSD(0.25) =	1.2												
				C.V. =	7.7												

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† 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: *Excellent seedling emergence this year. Early plant development was slow due to dry conditions in June. Once July came, so did the rainfall for the rest of the summer. Wet soil conditions this fall delayed harvest, resulting in drier than normal silage moistures. Corn plant drydown was extremely fast due to high disease pressure which included gray leaf spot, eye spot and anthracnose.*

Visit us at www.firstseedtests.com

Report Date: 10/3/2018

Revised:

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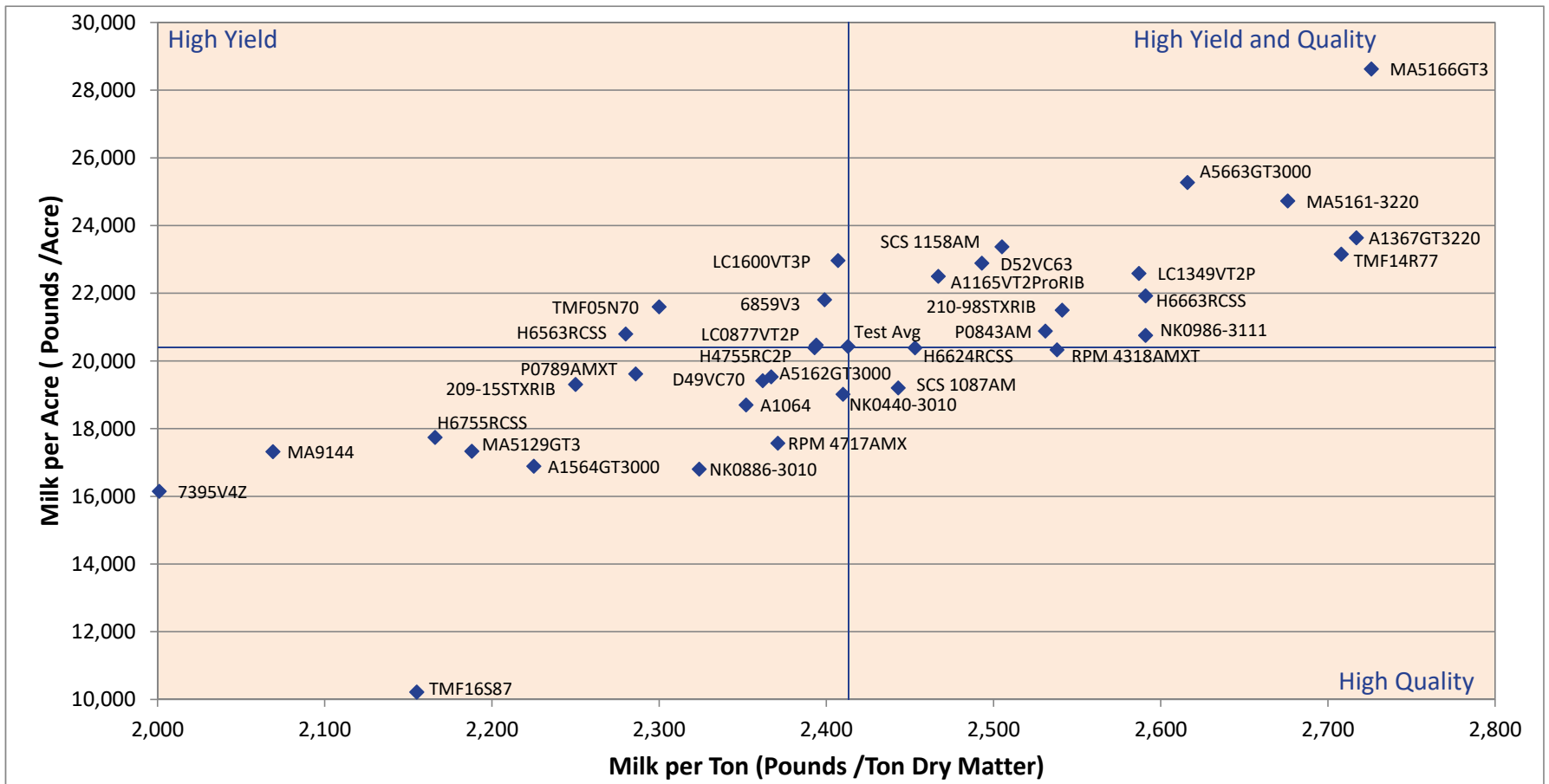
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PREV. CROP/HERB: Alfalfa
 SOIL INFORMATION: Silty clay loam, no-till, very high P, very high K, 6.5 pH, 3.6% OM, 9.6 CEC, non-irrigated
 UNITS N-P-K Applied: 221-141-180, N Applied: 210 Spring, 11 Planter
 PEST MANAGEMENT: Acuron, Capture
 SEEDED - RATE: May 5 35,000 /A
 HARVESTED - STAND: Sep 29 34,900 /A

105 - 116 Day CRM
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Report Date: 10/3/2018

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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.