

2018 Corn Silage Harvest Report for Pennsylvania Southeast [PASE]

Mike Brubaker, Lancaster County, PA 17552 [MOUNT JOY]



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

PREV. CROP/HERB: Corn / Roundup, Prowl, atrazine, Capreno

SOIL INFORMATION: Silty clay loam, minimum w/o fall till, very high P, medium K, 6.1 pH, 3.1% OM, 9.3 CEC, non-irrigated

UNITS N-P-K Applied: 258-120-186, N Applied: 72 Fall, 72 Spring, 60 Planter, 54 Side

PEST MANAGEMENT: Capture, glyphosate, atrazine, Capreno

SEEDED - RATE: May 29 34,000 /A

HARVESTED - STAND: Sep 18 33,000 /A

113 - 119 Day CRM

L2018PASE21

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	
Channel	215-83STXRIB GC	STX,B	115	28.2	32.7	42.0	7.7	45.2	53.6	0.79	33.9	34.2	53.2	12.2	2,959	18	25,033
Hubner	H6624RCSS	STX,B	112	24.4	32.8	36.7	8.2	44.3	56.1	0.79	32.3	34.5	55.0	10.4	3,358	2	24,581
Chemgro	7789RSX	STX,B	117	23.4	32.7	36.5	8.4	46.8	57.5	0.80	31.7	36.0	56.0	10.6	3,429	1	24,072
Augusta	A1165VT2ProRIB	VT2P,B	115	23.9	33.0	37.1	7.9	45.8	57.6	0.79	33.1	36.2	54.3	11.7	3,321	3	23,812
Seed Consultants	SCS 1188AM	AM,B	118	26.7	33.3	47.6	8.5	49.3	54.9	0.81	28.5	34.2	53.8	9.8	2,892	21	23,165
NK Brand	NK1808-3111	3111	118	23.8	32.5	34.8	8.2	40.1	55.8	0.75	38.2	35.7	56.1	12.3	3,243	5	23,155
Mid-Atlantic	MA5166GT3	3000GT	116	24.0	33.6	36.6	8.4	43.1	55.1	0.77	34.9	35.9	55.0	11.5	3,209	8	23,105
Hubner	H6663RCSS	STX,B	113	26.0	33.9	41.2	7.7	41.2	56.6	0.77	35.2	35.0	52.1	13.1	2,952	20	23,026
Seedway	6999-3000GT GC	3000GT	114	23.8	32.1	37.7	8.7	40.3	55.7	0.78	36.5	36.9	57.2	12.3	3,217	7	22,969
Channel	219-77STXRIB GC	STX,B	119	24.5	33.4	38.1	8.4	44.4	55.8	0.77	33.5	34.3	52.7	12.0	3,104	10	22,814
Local Seed Co.	LC1600VT3P	VT3P,B	116	24.4	32.5	40.9	7.6	48.1	53.8	0.80	30.9	36.0	54.9	10.8	3,106	9	22,736
Hubner	H6755RCSS	STX,B	114	25.5	31.6	40.1	7.5	39.6	57.8	0.77	36.7	35.0	51.3	13.6	2,953	19	22,590
Seed Consultants	SCS 1087AM	AM,B	108	24.8	32.7	41.8	7.8	44.6	51.4	0.79	32.9	37.2	53.9	11.7	3,028	15	22,528
Hubner	H6890RCSS	STX,B	117	24.7	33.2	38.8	8.9	37.9	53.4	0.76	39.2	33.7	52.5	14.5	2,980	17	22,082
Chemgro	7658G3	3000GT	116	24.1	32.9	37.3	8.4	35.5	53.9	0.74	42.0	37.2	57.3	12.2	3,031	14	21,914
Augusta	A5663GT3000	3000GT	113	22.1	33.8	34.4	8.6	37.2	57.6	0.76	36.9	35.1	54.7	13.0	3,305	4	21,912
Hubner	H4755RC2P	VT2P,B	114	25.7	32.9	46.4	7.7	43.7	55.6	0.79	32.8	36.5	52.5	12.2	2,832	27	21,835
NK Brand	NK1452-3120-EZR	3120,B	114	23.6	32.7	40.7	8.1	44.0	56.5	0.78	33.6	36.5	52.6	12.9	3,007	16	21,290
Mid-Atlantic	MA8163SS	STX	116	25.7	34.5	45.7	8.5	46.0	56.4	0.78	32.7	34.1	53.4	12.0	2,760	30	21,280
NK Brand	NK1284-3220-EZR	3220,B	112	26.0	32.5	47.8	7.9	45.3	58.2	0.78	32.9	34.4	50.9	13.5	2,725	31	21,255
Hubner	H6563RCSS	STX,B	111	24.1	33.6	42.7	7.9	45.8	58.2	0.79	31.7	33.0	50.4	12.5	2,882	22	20,837
Seed Consultants	SCS 1158AM	AM,B	115	24.3	32.3	44.1	8.2	45.7	53.6	0.79	33.2	36.2	55.0	10.3	2,848	24	20,762
Pioneer	P0843AM GC	AM,B	108	24.3	33.8	46.3	7.8	44.2	53.1	0.79	33.0	35.3	53.1	12.0	2,842	25	20,718
Augusta	A1367GT3220	3220	116	22.2	33.3	37.5	8.3	39.9	57.0	0.76	37.7	35.7	53.5	13.0	3,065	11	20,413

Harvest Report table continued next page

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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	
Mycogen	TMF14R77	STX	114	21.9	33.7	36.0	8.1	37.9	57.2	0.75	39.8	33.4	51.7	14.6	3,053	12	20,058
Dyna-Gro	D55VC45	VT2P	115	22.8	33.3	42.6	8.3	45.4	55.3	0.78	33.5	33.9	52.3	12.2	2,837	26	19,405
Doebler	RPM 4318AMXT	AMXT,B	103	24.6	33.0	48.3	7.7	41.1	58.3	0.76	36.1	32.9	48.5	14.8	2,618	34	19,321
Local Seed Co.	LC1776VT2P	VT2P,B	117	20.8	32.0	40.2	8.9	44.8	53.0	0.78	32.9	33.0	52.5	12.3	3,052	13	19,044
Chemgro	7795V4Z	3220,B	117	19.3	33.3	33.6	8.7	39.0	56.9	0.74	38.3	34.7	54.7	12.7	3,240	6	18,760
Augusta	A5162GT3000	3000GT	112	22.8	33.3	44.3	7.3	42.9	53.8	0.77	35.5	33.7	51.0	14.3	2,719	33	18,598
Doebler	RPM 4717AMX	AMX,B	107	22.0	33.9	44.4	8.1	41.9	56.6	0.78	34.3	34.7	52.1	13.2	2,784	29	18,374
Local Seed Co.	LC1349VT2P	VT2P,B	113	22.4	32.5	46.7	8.0	43.2	55.7	0.78	34.0	32.8	51.8	13.1	2,724	32	18,305
Augusta	A1064	None	114	23.2	32.7	47.5	7.4	40.8	59.4	0.75	37.0	34.4	50.8	13.5	2,602	36	18,110
Mycogen	TMF16S87	STX	116	20.1	33.7	30.4	8.6	26.4	59.5	0.70	46.1	28.0	47.7	17.6	2,864	23	17,270
Augusta	A1564GT3000	3000GT	114	22.0	33.3	47.5	7.5	41.4	58.5	0.75	37.5	35.2	52.3	13.4	2,611	35	17,233
Mid-Atlantic	MA9144	None	114	20.5	32.5	48.2	8.1	43.3	50.9	0.79	33.8	34.0	52.0	13.3	2,797	28	17,202
				Average =	23.7	33.0	41.2	8.1	42.4	55.8	0.77	35.1	34.7	53.0	12.6	2,971	21,099

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Average = 23.7
 LSD(0.10) = 1.8
 LSD(0.25) = 0.9
 C.V. = 7.2

† 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: *Hot and dry late June and early July reduced overall tonnage. Even with above average seasonal rainfall, yields were not able to catch up. A wet September caused some seed products to dry extremely fast. Harvest was delayed because of saturated soils. As a result, silage moistures at harvest were lower than normal. Gray leaf spot was the primary leaf disease with eyespot and brown spot evident as well.*

Visit us at www.firstseedtests.com

Report Date: 9/25/2018

Revised:

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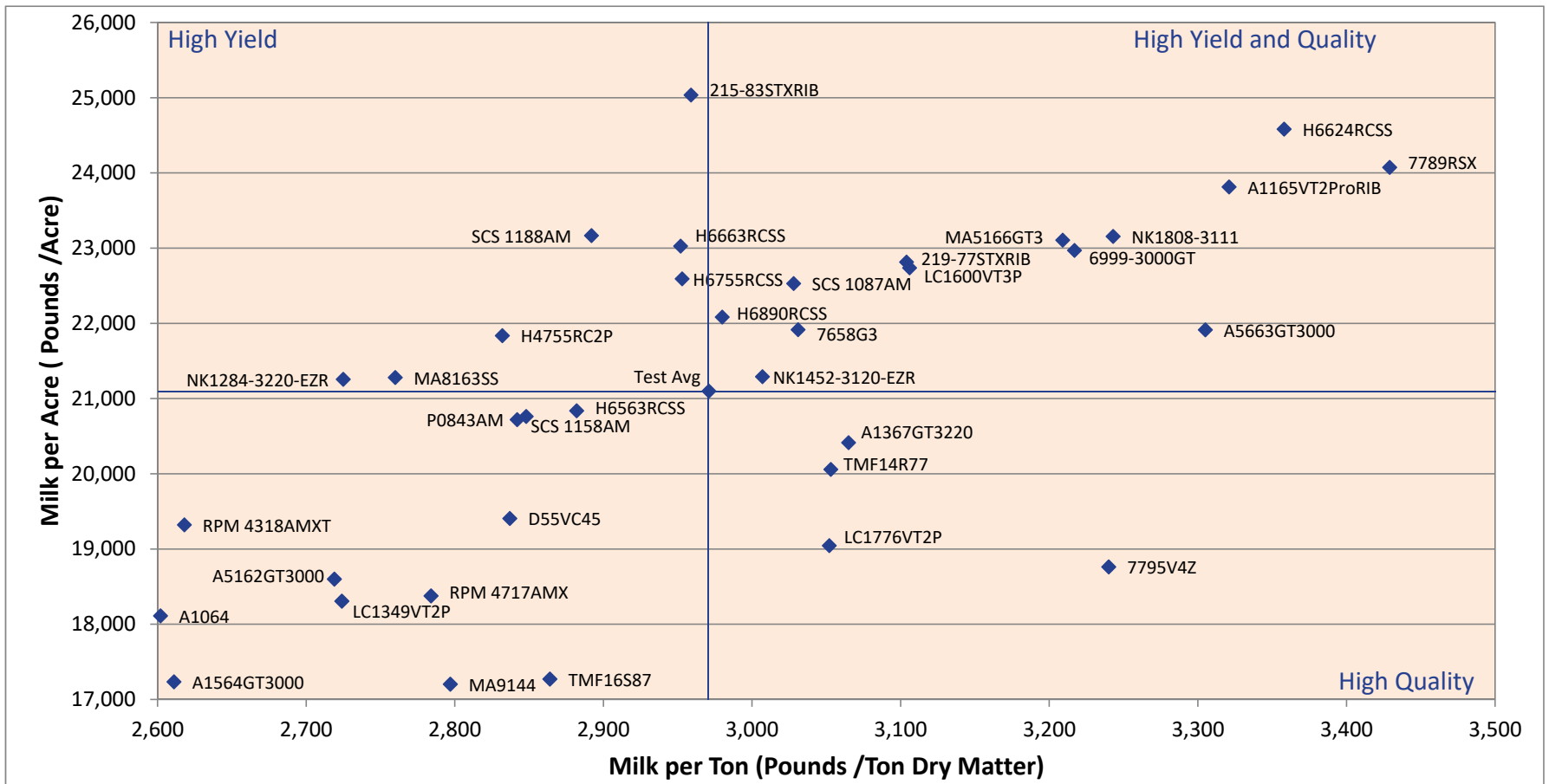
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113 - 119 Day CRM
L2018PASE21

PREV. CROP/HERB: Corn / Roundup, Prowl, atrazine, Capreno
 SOIL INFORMATION: Silty clay loam, minimum w/o fall till, very high P, medium K, 6.1 pH, 3.1% OM, 9.3 CEC, non-irrigated
 UNITS N-P-K Applied: 258-120-186, N Applied: 72 Fall, 72 Spring, 60 Planter, 54 Side
 PEST MANAGEMENT: Capture, glyphosate, atrazine, Capreno
 SEEDED - RATE: May 29 34,000 /A
 HARVESTED - STAND: Sep 18 33,000 /A



Report Date: 9/25/2018

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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.