

2018 Corn Silage Harvest Report for Pennsylvania Central [PACE]

David Graybill, Juniata County, PA 17094 [MIFFLINTOWN]



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

PREV. CROP/HERB: Soybean / Roundup

SOIL INFORMATION: Silty clay loam, no-till, very high P, medium K, 6.8 pH, 2.8% OM, 9.2 CEC, non-irrigated

UNITS N-P-K Applied: 182-116-182, N Applied: 144 Fall, 38 Planter

PEST MANAGEMENT: Roundup Ultra, Sharpen, Acuron, Capreno, atrazine, Capture

SEEDED - RATE: May 25 34,500 /A

HARVESTED - STAND: Sep 15 34,200 /A

105 - 116 Day CRM

L2018PACE24

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	
Hubner	H6755RCSS	STX,B	114	23.0	33.8	31.9	7.5	44.6	58.5	0.80	32.5	35.1	53.8	12.2	3,666	1	25,295
Augusta	A1165VT2ProRIB	VT2P,B	115	22.9	32.8	31.2	7.2	39.6	60.2	0.77	36.7	36.0	53.6	13.5	3,446	4	23,674
Seed Consultants	SCS 1087AM	AM,B	108	22.0	33.9	31.5	6.8	41.1	61.6	0.78	36.4	38.8	55.6	12.0	3,543	2	23,384
Hubner	H4755RC2P	VT2P,B	114	22.7	35.4	36.1	7.1	43.4	56.3	0.79	34.7	36.9	54.5	12.3	3,361	6	22,888
Augusta	A1064	None	114	23.9	35.6	33.1	7.1	35.2	59.4	0.73	42.1	35.1	52.8	15.0	3,150	25	22,586
Mid-Atlantic	MA5161-3220	3220	116	23.6	35.2	32.8	7.6	34.3	60.7	0.73	41.4	35.0	52.7	15.4	3,169	22	22,437
Seed Consultants	SCS 1158AM	AM,B	115	23.3	32.9	32.6	7.6	32.3	58.5	0.73	43.1	38.6	55.2	14.8	3,198	20	22,354
Mid-Atlantic	MA5166GT3	3000GT	116	22.1	34.3	30.8	7.0	35.6	60.3	0.75	39.7	35.7	52.6	14.8	3,316	9	21,985
Augusta	A5663GT3000	3000GT	113	20.8	34.1	30.5	7.8	35.8	56.9	0.76	39.4	36.4	55.5	14.4	3,419	5	21,335
Augusta	A1367GT3220	3220	116	21.9	32.9	35.1	6.9	37.5	59.7	0.76	37.9	36.2	53.6	13.8	3,233	15	21,241
Hubner	H6563RCSS	STX,B	111	21.3	33.7	30.0	7.6	36.3	55.7	0.75	40.0	34.5	52.0	14.9	3,287	11	21,004
NK Brand	NK0986-3111	3111	109	21.1	34.3	36.3	7.6	42.0	57.2	0.78	35.0	35.8	54.3	12.7	3,295	10	20,857
NK Brand	NK0886-3010	3010	108	23.3	34.3	40.4	7.4	41.0	54.0	0.76	36.2	36.1	52.4	13.9	2,948	33	20,607
Dyna-Gro	D52VC63	VT2P	112	21.5	35.5	34.1	7.3	37.2	56.9	0.75	41.0	34.4	52.5	15.5	3,180	21	20,511
Augusta	A5162GT3000	3000GT	112	22.0	34.3	37.5	7.1	42.3	54.6	0.77	37.0	34.7	51.7	14.3	3,091	28	20,401
Doebblers	RPM 4318AMXT	AMXT,B	103	20.0	33.9	33.5	7.8	40.1	57.6	0.76	36.7	34.4	52.7	14.1	3,356	7	20,136
Mycogen	TMF05N70	None	105	21.2	34.2	35.0	6.4	37.3	56.7	0.75	40.9	34.2	52.0	15.7	3,151	24	20,040
Channel	210-98STXRIB GC	STX,B	110	19.3	33.6	29.9	6.7	39.2	56.8	0.76	38.6	37.2	55.2	13.3	3,456	3	20,010
Mycogen	TMF16S87	STX	116	21.1	34.1	26.5	7.7	30.7	60.5	0.73	42.7	34.8	53.4	15.9	3,154	23	19,965
Doebblers	RPM 4717AMX	AMX,B	107	20.7	33.0	35.9	7.5	39.8	56.8	0.76	37.4	34.8	52.1	14.6	3,210	18	19,934
Mid-Atlantic	MA9144	None	114	19.8	35.0	34.4	7.5	40.9	54.9	0.77	36.3	33.4	50.2	14.9	3,326	8	19,756
Local Seed Co.	LC1349VT2P	VT2P,B	113	20.3	33.9	31.6	7.1	35.4	56.4	0.74	41.3	34.6	51.5	15.6	3,225	17	19,640
Hubner	H6663RCSS	STX,B	113	20.0	34.6	28.2	7.3	35.6	60.2	0.74	41.3	32.9	52.5	15.4	3,251	14	19,506
Pioneer	P0789AMXT GC	AMXT,B	107	20.6	33.9	34.8	7.1	37.8	56.0	0.75	40.1	33.3	49.6	16.4	3,110	27	19,220

Harvest Report table continued next page

2018 Corn Silage Harvest Report for Pennsylvania Central [PACE]

David Graybill, Juniata County, PA 17094 [MIFFLINTOWN]



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

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	20.8	34.2	25.4	7.2	31.5	61.7	0.72	44.3	32.6	51.3	15.4	3,069	31	19,151
Local Seed Co.	LC0877VT2P	VT2P,B	108	21.6	34.1	39.4	6.8	41.7	58.7	0.76	37.1	35.9	51.0	14.2	2,951	32	19,122
Mid-Atlantic	MA5129GT3	3000GT	112	19.7	32.9	34.0	7.1	40.6	56.4	0.76	38.2	33.3	49.7	15.8	3,232	16	19,101
Channel	209-15STXRIB GC	STX,B	109	20.1	35.2	37.5	7.1	41.1	58.6	0.77	37.1	36.2	54.4	13.3	3,147	26	18,976
Dyna-Gro	D49VC70	VT2P	109	19.4	34.6	32.8	6.8	37.2	57.3	0.74	40.8	34.0	50.9	15.8	3,208	19	18,671
Local Seed Co.	LC1600VT3P	VT3P,B	116	19.6	34.8	33.0	6.9	34.9	55.0	0.74	42.1	33.0	48.5	17.2	3,089	29	18,163
Pioneer	P0843AM GC	AM,B	108	19.6	33.8	30.9	7.2	30.8	54.5	0.72	46.0	37.3	54.1	15.7	3,081	30	18,116
Hubner	H6624RCSS	STX,B	112	18.0	34.7	28.7	7.0	33.5	57.9	0.74	42.4	34.8	54.0	16.0	3,274	12	17,680
NK Brand	NK0440-3010	3010	104	20.8	32.1	42.8	7.2	39.6	58.3	0.76	39.2	34.7	52.4	15.3	2,747	35	17,141
Chemgro	6859V3	3111	108	17.5	35.1	27.9	6.7	35.9	61.2	0.74	42.0	35.5	52.8	15.5	3,260	13	17,115
Chemgro	7395V4Z	3220,B	113	18.9	35.0	35.1	6.9	32.4	54.9	0.71	45.6	32.5	47.8	18.6	2,826	34	16,023
Augusta	A1564GT3000	3000GT	114	21.1	35.0	37.8	6.5	31.2	57.3	0.69	47.7	31.6	45.2	20.0	2,517	36	15,933
				Average =	21.0	34.2	33.3	7.2	37.4	57.7	0.75	39.7	35.0	52.3	15.0	3,193	20,110
				LSD(0.10) =	1.6												
				LSD(0.25) =	0.8												
				C.V. =	7.1												

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: *Adequate soil moisture at planting. Late June and early July was hot and dry which resulted in lower yields. From mid-July through harvest, rainfall was above average to excessive. Foliar leaf diseases were present, namely gray leaf spot, anthracnose and eye spot. Lodging of some seed products was evident at harvest.*

Visit us at www.firstseedtests.com

Report Date: 9/17/2018

Revised:

©2018, all rights reserved by Elite Field Genetics, LLC

2018 Corn Silage Harvest Report for Pennsylvania Central [PACE]

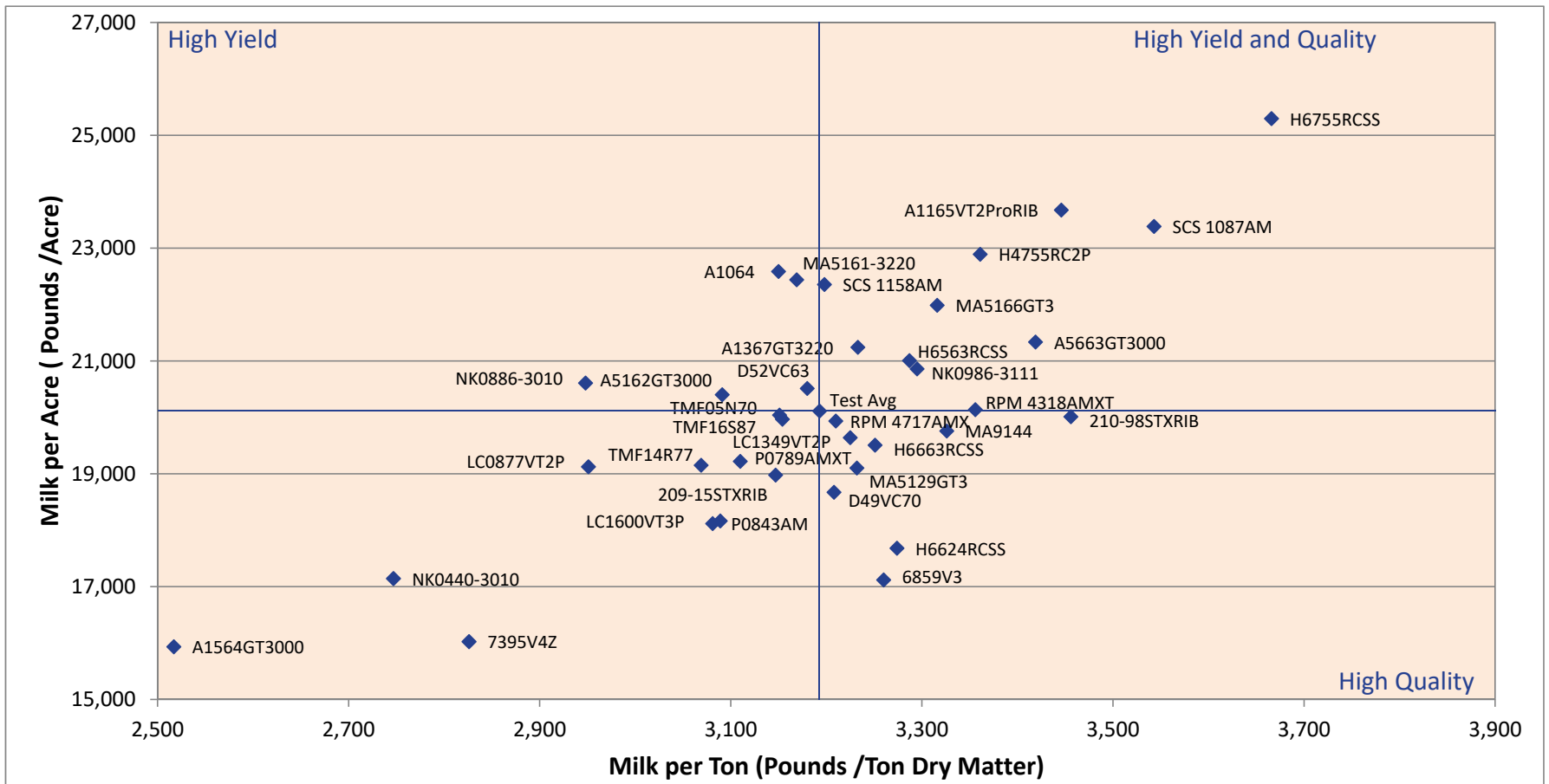
David Graybill, Juniata County, PA 17094 [MIFFLINTOWN]



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

PREV. CROP/HERB: Soybean / Roundup
 SOIL INFORMATION: Silty clay loam, no-till, very high P, medium K, 6.8 pH, 2.8% OM, 9.2 CEC, non-irrigated
 UNITS N-P-K Applied: 182-116-182, N Applied: 144 Fall, 38 Planter
 PEST MANAGEMENT: Roundup Ultra, Sharpen, Acuron, Capreno, atrazine, Capture
 SEEDED - RATE: May 25 34,500 /A
 HARVESTED - STAND: Sep 15 34,200 /A

105 - 116 Day CRM
L2018PACE24



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.