

2018 Corn Silage Harvest Report for Pennsylvania Central [PACE]

Wade Wolfe, Centre County, PA 16828 [CENTRE HALL]



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

PREV. CROP/HERB: Wheat / Harmony Extra

SOIL INFORMATION: Silt loam, strip-till, very high P, medium K, 5.7 pH, 3.2% OM, 10.8 CEC, non-irrigated

UNITS N-P-K Applied: 150-55-85, N Applied: 150 Fall

PEST MANAGEMENT: glyphosate, Capreno, atrazine, Capture

SEEDED - RATE: Jun 2 34,000 /A

HARVESTED - STAND: Oct 9 34,000 /A

105 - 116 Day CRM

L2018PACE26

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	
Chemgro	6859V3	3111	108	23.1	35.4	40.2	6.2	37.1	56.6	0.74	39.7	34.2	49.6	14.8	2,800	12	19,404
Hubner	H6563RCSS	STX,B	111	22.3	34.7	38.8	6.7	39.3	53.8	0.75	38.1	32.6	46.4	16.5	2,868	9	19,187
Seed Consultants	SCS 1158AM	AM,B	115	20.7	32.4	35.2	5.9	33.5	54.7	0.72	45.0	33.9	46.8	17.8	2,877	8	17,866
Hubner	H6663RCSS	STX,B	113	20.4	34.3	33.5	6.4	36.8	56.8	0.73	41.3	27.5	40.8	18.7	2,892	6	17,699
Augusta	A5663GT3000	3000GT	113	19.9	33.4	38.8	6.2	41.4	58.7	0.76	36.7	32.1	47.0	15.5	2,923	3	17,450
Channel	210-98STXRIB GC	STX,B	110	20.2	33.7	34.9	6.6	32.1	51.6	0.72	44.4	31.9	46.4	17.9	2,868	10	17,380
Augusta	A1165VT2ProRIB	VT2P,B	115	19.7	33.7	32.3	6.7	32.7	56.1	0.71	45.1	29.2	44.4	18.7	2,899	5	17,133
Hubner	H6624RCSS	STX,B	112	19.5	34.8	34.6	6.3	32.7	54.0	0.72	44.0	32.5	47.7	17.6	2,916	4	17,059
Dyna-Gro	D52VC63	VT2P	112	22.4	36.5	39.4	6.4	35.1	55.6	0.71	43.1	28.1	41.5	19.0	2,510	25	16,867
Mycogen	TMF05N70	None	105	21.9	34.3	41.5	6.3	36.8	50.7	0.73	41.8	31.8	43.1	18.3	2,508	26	16,478
Augusta	A5162GT3000	3000GT	112	21.3	36.4	42.2	5.9	40.4	57.3	0.74	39.3	31.3	42.8	18.2	2,558	24	16,346
Hubner	H6755RCSS	STX,B	114	19.3	34.2	36.2	6.2	36.1	54.8	0.73	43.0	29.9	43.5	18.5	2,795	13	16,183
Mid-Atlantic	MA5166GT3	3000GT	116	17.8	32.4	31.4	6.5	30.5	56.6	0.72	45.6	33.2	49.5	17.4	3,025	2	16,154
NK Brand	NK0986-3111	3111	109	20.5	34.8	41.0	6.4	38.2	53.0	0.74	40.4	30.4	44.6	17.6	2,610	22	16,052
Doebler	RPM 4717AMX	AMX,B	107	18.8	33.0	35.2	6.7	30.5	55.5	0.72	44.1	30.9	43.5	19.2	2,795	14	15,764
Doebler	RPM 4318AMXT	AMXT,B	103	19.4	35.4	38.2	6.7	33.8	56.0	0.72	42.1	30.0	43.8	18.3	2,695	18	15,685
Hubner	H4755RC2P	VT2P,B	114	19.8	34.1	38.1	6.0	36.1	56.0	0.72	43.2	29.4	42.5	18.7	2,620	21	15,563
Augusta	A1064	None	114	19.4	34.7	30.0	6.3	25.3	57.8	0.68	49.8	32.6	45.3	19.0	2,647	20	15,406
Pioneer	P0843AM GC	AM,B	108	18.3	34.1	38.5	5.8	36.8	51.0	0.74	41.5	34.0	46.1	17.0	2,801	11	15,377
NK Brand	NK0886-3010	3010	108	20.4	34.8	41.5	6.3	33.5	54.5	0.71	43.8	32.0	46.3	17.3	2,499	28	15,294
Dyna-Gro	D49VC70	VT2P	109	18.1	34.1	38.4	5.9	33.8	53.4	0.72	43.8	32.9	45.4	18.5	2,699	17	14,656
Seed Consultants	SCS 1087AM	AM,B	108	16.0	35.6	33.4	6.2	32.6	56.5	0.73	43.2	34.0	48.7	16.3	3,032	1	14,554
Mid-Atlantic	MA5161-3220	3220	116	17.5	32.9	30.4	7.0	28.3	57.9	0.69	47.3	29.1	44.5	19.3	2,771	16	14,548
Local Seed Co.	LC1600VT3P	VT3P,B	116	16.8	34.8	30.4	6.1	32.7	54.8	0.71	44.7	30.4	43.6	18.6	2,886	7	14,545

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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	19.9	32.7	31.3	6.0	26.9	58.0	0.67	50.9	28.0	39.6	25.8	2,431	30	14,513
Pioneer	P0789AMXT GC	AMXT,B	107	17.7	35.0	34.8	6.1	27.5	54.8	0.70	47.8	31.4	44.3	19.8	2,691	19	14,289
NK Brand	NK0440-3010	3010	104	18.6	34.3	37.8	5.9	29.2	55.7	0.69	48.3	30.7	44.4	19.5	2,506	27	13,983
Channel	209-15STXRIB GC	STX,B	109	19.6	32.7	41.8	6.1	31.9	51.0	0.70	45.7	31.6	43.0	19.4	2,366	33	13,912
Local Seed Co.	LC1349VT2P	VT2P,B	113	19.1	33.0	39.2	6.0	33.6	54.6	0.71	44.6	28.6	39.7	19.8	2,426	31	13,901
Mid-Atlantic	MA5129GT3	3000GT	112	20.1	34.1	42.0	6.0	34.8	56.5	0.71	44.2	27.3	38.4	20.8	2,299	34	13,863
Mycogen	TMF16S87	STX	116	17.3	32.7	30.3	6.4	27.5	53.1	0.69	48.2	27.5	39.8	21.7	2,600	23	13,494
Augusta	A1367GT3220	3220	116	16.1	32.7	31.0	6.5	27.6	54.6	0.70	47.8	31.0	44.7	19.8	2,778	15	13,418
Local Seed Co.	LC0877VT2P	VT2P,B	108	17.9	34.2	46.0	6.0	34.9	47.4	0.73	43.6	36.2	47.7	18.4	2,451	29	13,162
Mid-Atlantic	MA9144	None	114	18.0	33.9	38.1	6.1	31.3	52.9	0.70	47.4	26.6	38.8	21.7	2,399	32	12,955
Chemgro	7395V4Z	3220,B	113	19.3	32.0	43.2	6.2	33.5	54.7	0.70	46.3	28.7	39.9	20.5	2,175	35	12,593
Augusta	A1564GT3000	3000GT	114	20.8	33.3	43.4	6.3	30.9	56.6	0.68	49.6	26.4	37.6	26.3	1,984	36	12,380
				Average =	19.4	34.0	37.0	6.3	33.2	54.8	0.72	44.3	30.8	43.9	19.0	2,656	15,420

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Average = 19.4
 LSD(0.10) = 1.9
 LSD(0.25) = 1.0
 C.V. = 9.4

† 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: *Soil conditions throughout most of the growing season remained wet. Emergence was good and populations were consistent. Corn seemed to lack ear development, possibly due to excessive rainfall amounts and lack of heat and sun. Staygreen on most hybrids was good, even at the late harvest. Harvest was delayed one to two weeks because of excessively wet field conditions.*

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Report Date: 10/12/2018

Revised:

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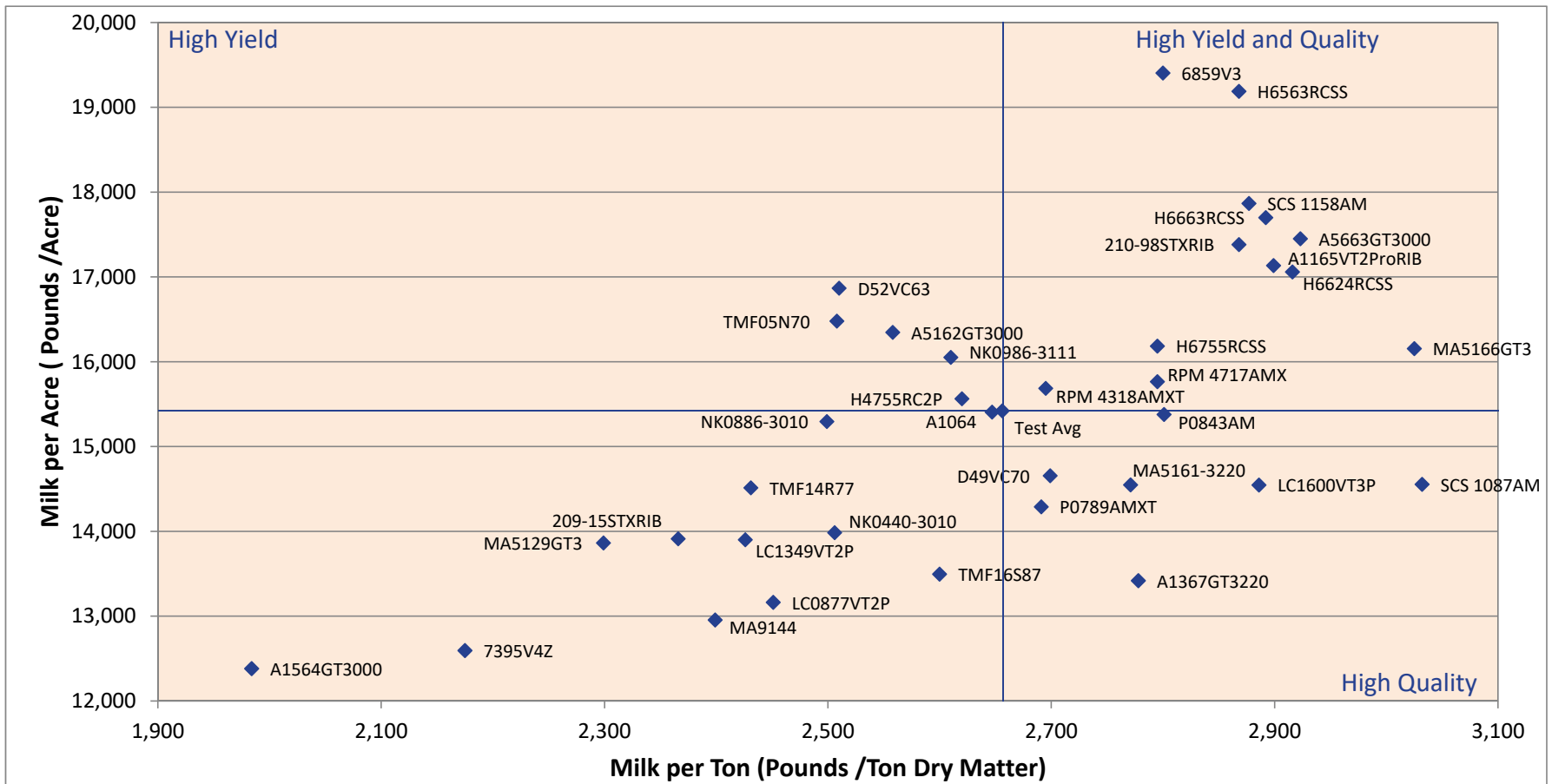
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 SOIL INFORMATION: Silt loam, strip-till, very high P, medium K, 5.7 pH, 3.2% OM, 10.8 CEC, non-irrigated
 UNITS N-P-K Applied: 150-55-85, N Applied: 150 Fall
 PEST MANAGEMENT: glyphosate, Capreno, atrazine, Capture
 SEEDED - RATE: Jun 2 34,000 /A
 HARVESTED - STAND: Oct 9 34,000 /A

105 - 116 Day CRM
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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.