

2019 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, non-irrigated
 UNITS N-P-K Applied: 191-103-151, N Applied: 126 Spring, 65 Side
 PEST MANAGEMENT: Accurron, Capreno, Atrazine, Mustang Max
 SEEDED - RATE: May 11 34,000 /A
 HARVESTED - STAND: Sep 3 29,100 /A

105 - 116 Day CRM
 L2019PACE23

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)			24 h	48 h		(Lbs)	Rank	
Augusta	A1165	VT2P	115	26.5	29.2	32.6	7.9	39.4	46.3	0.79	36.2	31.5	54.0	8.1	3,779	5	30,043
Mid-Atlantic	MA8141	DGVT2P	114	27.0	29.4	30.6	7.7	38.9	46.2	0.79	36.4	32.1	53.7	7.9	3,677	25	29,784
Hubner	H6663RCSS	STX	113	26.6	30.2	30.9	7.6	37.9	46.6	0.78	38.1	32.5	54.2	7.6	3,698	22	29,510
Hubner	H6755RCSS	STX	114	25.8	27.7	30.7	8.2	41.5	48.9	0.82	34.0	33.8	57.1	6.3	3,777	7	29,234
Seed Consultants	SCS 1158YHR	CB/LL/RW	115	25.6	28.5	30.8	8.1	39.7	51.1	0.81	35.0	36.2	59.8	5.7	3,775	8	28,992
Local Seed Co.	LC1586 TC	Trecepta	115	25.1	27.9	31.8	7.8	44.3	47.5	0.83	32.5	32.7	55.2	5.9	3,810	1	28,689
Dyna-Gro	D53VC33	VT2P	113	24.5	29.6	32.3	7.9	41.3	44.6	0.81	35.0	31.0	51.7	7.4	3,792	4	27,871
Pioneer	P0843AM	AM	108	24.6	29.4	31.2	7.9	39.1	48.5	0.79	36.7	33.1	56.5	7.2	3,731	17	27,535
Mid-Atlantic	MA8074	VT2P	107	24.2	29.7	33.1	7.9	40.3	48.9	0.80	35.8	34.4	57.2	7.5	3,768	11	27,356
Mid-Atlantic	MA5166	3111	116	24.7	28.0	29.7	8.5	36.8	52.4	0.79	37.0	38.2	61.3	5.7	3,686	24	27,313
Local Seed Co.	LCX16-93 SSX	STX	116	25.2	30.5	29.8	7.7	34.7	47.5	0.76	40.3	33.6	55.4	8.3	3,592	31	27,156
Augusta	A5663	3000GT	113	24.2	26.6	31.8	8.0	37.3	49.9	0.78	38.4	35.0	58.4	7.4	3,720	19	27,007
Chemgro	7399D4Z	5122	113	23.8	26.1	31.9	7.9	39.2	50.5	0.80	37.1	37.4	59.0	6.2	3,738	16	26,689
Mid-Atlantic	MA8128	VT2P	112	23.9	29.8	32.0	7.8	38.4	47.6	0.78	37.7	33.2	55.4	7.4	3,713	20	26,622
Augusta	A4463	VT2P	113	23.5	31.1	32.2	8.2	43.3	48.9	0.83	32.6	34.6	57.1	6.0	3,768	12	26,564
Seed Consultants	SCS 1087YHR	CB/LL/RW	108	24.0	30.5	28.8	8.1	34.5	51.4	0.76	40.0	37.1	60.2	6.9	3,676	26	26,467
Local Seed Co.	LC1349 SSXRIB	STX	113	24.4	28.9	30.5	8.0	34.8	46.9	0.76	40.0	32.2	54.8	9.4	3,597	29	26,330
NK Brand	NK0968-3330GT	3000GT	109	23.1	29.8	33.5	8.0	42.5	46.8	0.81	34.6	32.6	54.6	7.7	3,795	3	26,299
NK Brand	NK1573-3000GT	3000GT	115	23.1	30.3	28.3	8.2	38.9	47.4	0.79	36.9	32.3	55.3	7.9	3,764	13	26,085
Local Seed Co.	LC1289 VT2PRIB	VT2P	112	23.2	29.6	31.8	7.8	39.5	48.0	0.79	36.5	33.3	56.0	7.5	3,741	15	26,037
Dyna-Gro	D52VC63	VT2P	112	24.8	29.0	31.0	7.8	33.9	47.5	0.75	41.5	33.0	55.4	8.6	3,496	35	26,010
Augusta	A1059	3110	109	23.4	31.6	33.0	7.7	40.4	46.3	0.79	36.0	32.6	53.9	8.1	3,704	21	26,002
Seed Consultants	SC-EX105YHR	OI	104	22.9	27.2	29.0	8.2	36.9	50.2	0.78	37.1	33.1	58.7	7.5	3,761	14	25,838
Hubner	H6390RCSS	STX	108	22.5	28.8	30.2	8.3	38.8	48.1	0.80	36.0	33.0	56.2	7.6	3,770	10	25,448

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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			uNDF		Milk/Acre (Lbs)
				70% H ₂ O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			(% of NDF) 24 h	48 h	240 h	Milk/Ton DM†† (Lbs)	Rank	
Chemgro	6859V3	3111	108	22.4	28.3	29.4	7.9	39.7	50.0	0.80	35.9	35.6	58.5	6.1	3,777	6	25,381
Mid-Atlantic	MA9151	CONV	115	23.3	28.4	28.3	7.7	36.2	48.8	0.77	39.4	33.9	57.0	7.7	3,629	28	25,367
Channel	210-98STXRIB	STX	112	23.3	30.7	28.9	7.6	34.3	48.1	0.76	41.1	34.5	56.1	7.7	3,582	32	25,038
Hubner	H6394RCSS	STX	108	21.9	30.3	32.4	8.0	42.2	49.3	0.82	33.6	35.0	57.6	6.5	3,803	2	24,986
Local Seed Co.	LC0877 VT2PRIB	VT2P	108	21.8	27.7	32.0	8.0	41.6	47.7	0.81	34.7	33.5	55.7	7.4	3,772	9	24,669
Seed Consultants	SCS 1069YHR	CB/LL/RW	106	21.9	30.2	27.9	8.1	39.8	49.0	0.80	35.4	34.0	57.3	7.3	3,730	18	24,506
Augusta	A9967	3000GT	116	23.8	26.6	28.2	7.5	34.1	46.7	0.74	42.0	32.6	54.5	9.6	3,408	36	24,333
Mid-Atlantic	MA7084HD	RR	108	21.9	29.4	31.0	8.0	38.5	46.6	0.78	37.0	31.6	54.5	8.7	3,693	23	24,263
Seed Consultants	SCS 1125YHR	CB/LL/RW	112	22.6	27.4	27.4	8.0	34.6	47.3	0.76	40.2	33.2	55.3	9.2	3,541	34	24,008
NK Brand	NK1205-3120	3120	112	20.5	27.9	28.3	8.2	36.3	50.4	0.77	38.5	36.2	59.1	7.4	3,670	27	22,571
Augusta	A5566	3111	116	21.0	29.9	28.4	7.9	34.7	48.2	0.76	39.5	35.1	56.3	7.7	3,573	33	22,510
Local Seed Co.	ZS1487 PC	PC	114	20.3	29.6	27.3	7.6	36.6	47.1	0.77	39.1	33.0	54.9	8.0	3,594	30	21,887

Robin Kauffman

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Average = **23.6** **29.1** **30.5**
 LSD(0.10) = 1.8
 LSD(0.25) = 1.0
 C.V. = 7.3

† See last page for Product/Brand, Technology and Type information. †† Milk/ton: calculated from Rock River data using Milk2006 Traditional 48 hour. **Bold** values significantly better than test average. **ns** = not significant

TEST COMMENTS: *Population was lower than expected, soil conditions were wet at planting which probably reduced stand. Growing conditions through the summer was very good. Overall rating of the plot is a 7 out of 10.(10=best)*

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Report Date: 9/25/2019

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.