

2018 Corn Silage Performance Summary for Pennsylvania Central [PACE]

Test sites include: Centre Hall, Martinsburg, Mifflintown, and New Bloomfield



105 - 116 Day CRM

All 36 Products Tested

Yield, Average of (12) Replications

Silage Quality / Milk Production, Average of (4) Replications

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	
Augusta	A5663GT3000	3000GT	113	25.5	34.0	39.2	7.3	39.4	52.7	0.76	37.5	33.7	50.3	15.5	2,952	1	22,191
Mid-Atlantic	MA5166GT3	3000GT	116	25.8	33.4	37.6	7.0	35.3	55.7	0.74	40.8	33.3	49.9	16.1	2,913	2	22,158
Dyna-Gro	D52VC63	VT2P	112	25.5	35.1	43.6	7.0	39.9	53.9	0.75	38.8	31.8	47.3	16.3	2,724	16	20,657
Seed Consultants	SCS 1158AM	AM,B	115	24.7	32.3	39.3	6.9	37.2	53.8	0.74	40.4	34.5	49.2	15.8	2,806	7	20,596
Augusta	A1165VT2ProRIB	VT2P,B	115	24.8	33.3	37.9	7.0	36.3	55.2	0.73	41.4	31.9	46.4	17.3	2,775	9	20,290
Hubner	H6563RCSS	STX,B	111	24.9	34.1	40.5	7.0	39.6	52.5	0.75	38.7	32.6	46.7	16.9	2,750	14	20,132
Hubner	H6755RCSS	STX,B	114	24.2	33.6	40.5	6.8	40.4	52.3	0.75	38.6	31.9	46.3	16.9	2,806	8	20,122
Hubner	H6663RCSS	STX,B	113	24.0	34.6	36.5	6.9	38.4	55.0	0.74	40.1	29.8	45.3	17.5	2,816	5	19,963
Mid-Atlantic	MA5161-3220	3220	116	24.0	33.7	38.5	7.3	33.7	54.9	0.72	42.3	32.0	48.1	17.0	2,764	12	19,816
Channel	210-98STXRIB GC	STX,B	110	23.4	34.0	37.0	6.7	35.1	52.0	0.73	42.6	33.2	47.9	17.1	2,816	6	19,366
Chemgro	6859V3	3111	108	24.0	34.6	42.2	6.5	37.8	54.2	0.74	40.7	34.6	49.0	16.4	2,724	17	19,134
Hubner	H4755RC2P	VT2P,B	114	23.8	34.2	43.0	6.7	41.1	52.3	0.75	38.6	31.7	46.3	16.9	2,698	20	19,119
Local Seed Co.	LC1349VT2P	VT2P,B	113	23.1	33.6	40.2	7.0	39.4	52.3	0.75	38.6	31.2	45.9	16.7	2,754	13	18,990
Augusta	A1367GT3220	3220	116	22.2	33.9	37.0	7.0	33.9	54.3	0.73	41.6	33.2	48.2	16.9	2,843	4	18,895
Pioneer	P0843AM GC	AM,B	108	22.8	33.7	43.3	6.8	40.6	50.8	0.75	38.4	34.3	48.6	15.7	2,771	11	18,784
Mycogen	TMF05N70	None	105	24.0	34.0	42.8	6.4	39.2	48.9	0.74	40.4	32.4	45.8	17.9	2,626	27	18,669
Seed Consultants	SCS 1087AM	AM,B	108	22.0	35.0	38.0	6.7	38.0	54.7	0.74	40.1	34.1	48.4	15.9	2,866	3	18,616
Mycogen	TMF14R77	STX	114	22.7	33.8	34.2	6.8	34.6	55.9	0.72	43.2	31.5	45.4	18.6	2,721	18	18,541
Augusta	A5162GT3000	3000GT	112	23.5	34.9	46.2	6.6	42.5	50.7	0.76	38.1	32.3	45.7	17.1	2,633	26	18,465
Hubner	H6624RCSS	STX,B	112	22.6	35.0	36.9	6.9	35.0	52.4	0.73	42.6	31.5	47.9	17.9	2,773	10	18,428
Dyna-Gro	D49VC70	VT2P	109	22.5	34.2	41.5	6.7	39.5	51.6	0.74	39.3	32.1	46.6	17.3	2,732	15	18,147
Augusta	A1064	None	114	22.7	34.6	40.0	6.8	37.1	54.0	0.73	41.1	32.4	46.7	16.7	2,657	24	18,036
NK Brand	NK0986-3111	3111	109	22.4	33.9	43.2	7.0	40.4	52.1	0.75	38.4	31.4	46.5	16.8	2,684	21	17,992
Doebblers	RPM 4318AMXT	AMXT,B	103	22.7	34.2	41.2	7.5	38.2	52.9	0.74	39.3	30.1	45.2	17.3	2,683	22	17,990

Results Table continued next page

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

105 - 116 Day CRM

All 36 Products Tested

Yield, Average of (12) Replications

Silage Quality / Milk Production, Average of (4) Replications

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd		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	
Local Seed Co.	LC0877VT2P	VT2P,B	108	22.9	34.3	49.5	6.7	41.6	50.0	0.75	38.2	34.9	48.2	16.6	2,614	28	17,858
Channel	209-15STXRIB GC	STX,B	109	23.3	34.0	45.7	6.9	38.6	51.3	0.74	40.2	32.4	46.5	17.2	2,578	29	17,824
Local Seed Co.	LC1600VT3P	VT3P,B	116	22.4	34.6	40.7	6.7	37.3	50.6	0.73	41.2	32.0	45.6	17.9	2,709	19	17,817
Pioneer	P0789AMXT GC	AMXT,B	107	22.2	34.2	41.3	6.7	36.3	51.5	0.73	41.9	31.5	45.3	18.3	2,650	25	17,407
Doeblers	RPM 4717AMX	AMX,B	107	21.8	31.8	40.6	7.0	35.7	52.4	0.73	41.8	31.5	44.6	18.7	2,675	23	17,310
NK Brand	NK0886-3010	3010	108	22.5	34.4	47.2	6.8	40.1	49.6	0.74	39.0	32.7	47.0	17.1	2,568	30	17,304
Mid-Atlantic	MA5129GT3	3000GT	112	22.1	33.5	44.1	6.5	37.9	50.3	0.73	42.1	30.1	43.1	19.8	2,506	33	16,427
Mid-Atlantic	MA9144	None	114	21.7	33.8	41.3	7.2	36.5	48.3	0.73	41.9	28.3	42.2	19.8	2,560	31	16,343
NK Brand	NK0440-3010	3010	104	21.5	33.7	46.5	6.6	37.9	53.0	0.74	41.5	32.9	47.7	17.5	2,546	32	16,334
Augusta	A1564GT3000	3000GT	114	22.7	34.5	46.0	6.5	36.4	53.7	0.71	44.1	30.1	42.1	21.3	2,291	36	15,635
Chemgro	7395V4Z	3220,B	113	22.0	34.0	44.4	6.7	34.9	51.2	0.71	45.0	30.6	43.0	20.2	2,338	35	15,247
Mycogen	TMF16S87	STX	116	19.8	33.5	30.8	7.0	28.7	51.9	0.69	47.7	27.3	40.2	22.1	2,491	34	14,758
<i>Robin Kauffman</i>				Average =	23.1	34.0	41.1	6.9	37.6	52.5	0.74	40.7	32.0	46.4	17.5	2,689	18,482
Rob Kauffman				LSD(0.10) =	1.9	0.8	2.4	0.3	3.1	1.8	0.02	2.9	1.5	2.1	1.6	154	1,789
rkmaits@aol.com, (717) 413-0763				LSD(0.25) =	1.0	0.4	1.3	0.1	1.6	0.9	0.01	1.5	0.8	1.1	0.9	81	939
				C.V. =	9.0	2.6	6.5	4.4	9.1	3.7	2.7	7.8	5.1	4.8	10.3	6.0	11.0

† 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

Visit us at www.firstseedtests.com

Report Date:

Revised: 10/12/2018

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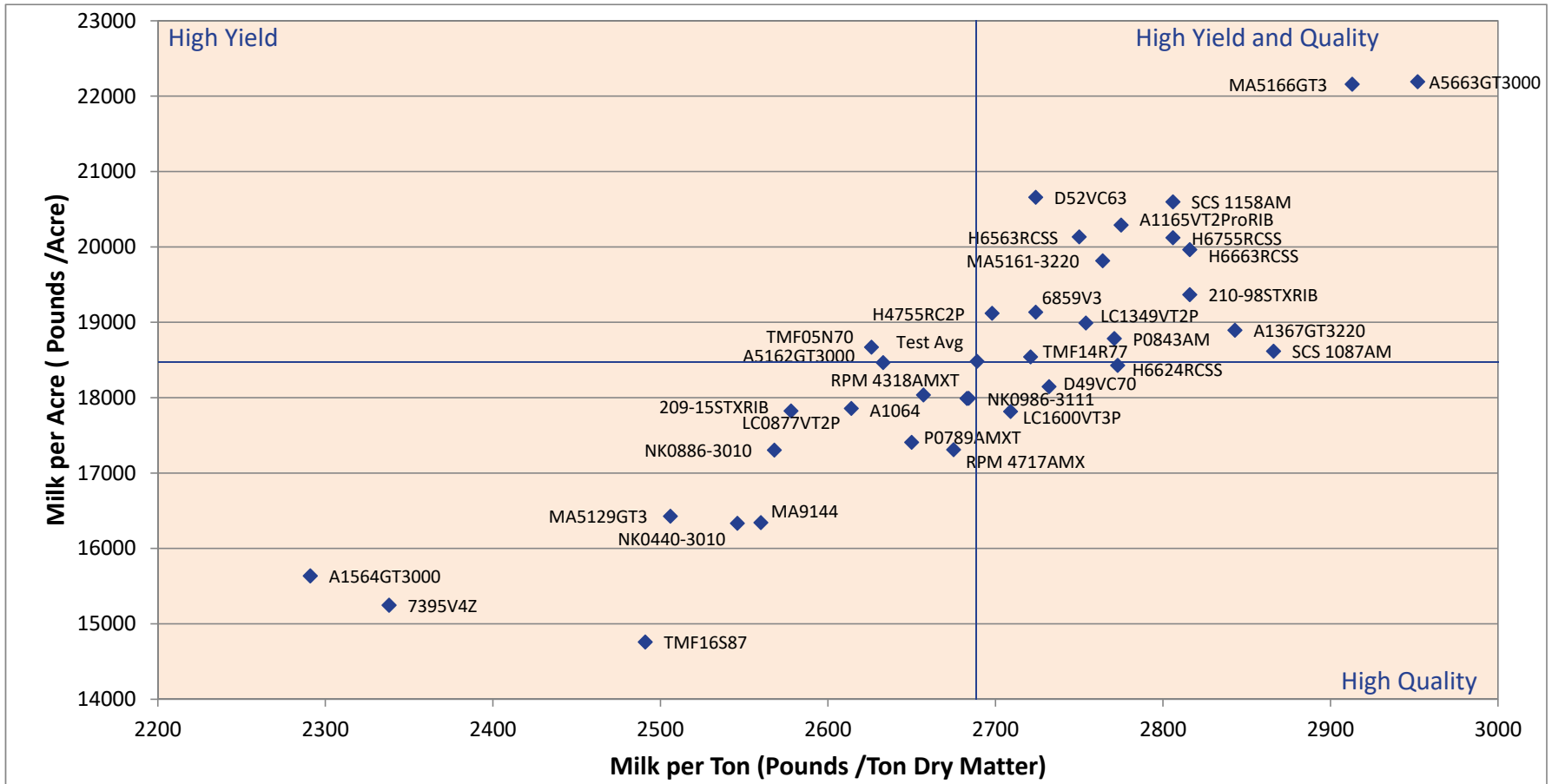
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Footnotes and Abbreviation Descriptions

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.