

2019 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% H2O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			24 h	48 h		(Lbs)	Rank	
Dyna-Gro	D53VC33	VT2P	113	26.4	32.5	35.5	7.7	42.3	45.6	0.82	33.7	31.2	52.9	7.1	3,750	3	29,631
Hubner	H6663RCSS	STX	113	27.0	32.7	33.0	7.4	37.9	46.2	0.78	38.1	31.5	53.7	8.2	3,618	27	29,392
Hubner	H6755RCSS	STX	114	26.2	32.2	32.3	7.5	38.1	47.4	0.79	37.4	32.3	55.2	7.9	3,714	7	29,214
Mid-Atlantic	MA8141	DGVT2P	114	26.9	32.2	33.5	7.4	39.7	45.4	0.79	36.2	30.9	52.7	8.2	3,632	24	29,196
NK Brand	NK0968-3330GT	3000GT	109	25.6	32.0	35.8	7.7	42.9	47.1	0.82	33.6	32.8	54.8	7.1	3,769	1	28,942
Augusta	A1165	VT2P	115	26.0	31.6	32.3	7.7	37.1	48.0	0.78	37.7	33.8	56.1	7.9	3,712	8	28,904
Pioneer	P0843AM	AM	108	26.3	32.8	34.2	7.6	39.0	48.2	0.79	36.7	33.0	56.2	7.4	3,636	22	28,639
Hubner	H6390RCSS	STX	108	25.8	32.4	34.9	7.6	40.1	47.5	0.80	35.7	32.0	55.4	7.7	3,710	9	28,633
Augusta	A5663	3000GT	113	25.7	31.3	33.4	7.7	37.6	48.4	0.78	37.9	33.1	56.5	7.9	3,681	15	28,349
Augusta	A4463	VT2P	113	25.5	32.1	34.0	7.6	40.2	46.7	0.80	35.8	32.0	54.3	7.5	3,708	10	28,341
Mid-Atlantic	MA8128	VT2P	112	25.9	32.6	34.7	7.4	38.5	47.0	0.78	37.8	32.2	54.7	7.9	3,657	18	28,326
Chemgro	6859V3	3111	108	25.1	31.0	34.4	7.5	42.6	49.6	0.82	33.6	34.9	57.8	6.0	3,759	2	28,278
Seed Consultants	SCS 1158YHR	CB/LL/RW	115	25.5	32.2	32.4	7.6	36.3	49.5	0.78	38.4	34.5	57.8	7.1	3,669	17	28,140
Local Seed Co.	LC0877 VT2PRIB	VT2P	108	25.1	31.8	36.3	7.5	42.1	49.3	0.81	34.8	34.8	57.7	6.8	3,742	5	28,094
Local Seed Co.	LC1289 VT2PRIB	VT2P	112	25.3	31.3	34.5	7.6	39.7	48.2	0.80	36.2	34.0	56.2	7.1	3,693	13	27,930
Dyna-Gro	D52VC63	VT2P	112	26.5	31.8	32.9	7.6	34.0	47.7	0.75	41.3	33.7	55.8	9.0	3,514	34	27,911
Local Seed Co.	LC1349 SSXRIB	STX	113	26.2	31.8	34.3	7.6	36.1	45.8	0.77	39.0	30.9	53.4	9.3	3,553	32	27,870
Channel	210-98STXRIB	STX	112	25.5	33.2	31.9	7.6	37.2	47.7	0.78	38.2	33.6	55.6	7.5	3,641	21	27,772
Seed Consultants	SCS 1125YHR	CB/LL/RW	112	25.3	32.1	31.6	7.8	38.0	47.4	0.78	37.2	33.3	55.3	8.2	3,649	20	27,759
Local Seed Co.	LC1586 TC	Trecepta	115	24.8	31.7	32.7	7.7	40.5	46.9	0.80	35.1	33.0	54.5	7.1	3,717	6	27,635
Mid-Atlantic	MA9151	CONV	115	25.5	31.1	29.9	7.7	34.6	49.3	0.76	40.2	34.7	57.5	7.7	3,574	29	27,304
Seed Consultants	SCS 1087YHR	CB/LL/RW	108	24.7	32.8	30.8	7.7	37.4	50.8	0.78	37.6	36.0	59.4	6.8	3,682	14	27,278
Local Seed Co.	LCX16-93 SSX	STX	116	25.0	32.9	32.6	7.3	36.6	47.0	0.77	38.7	33.0	54.7	7.9	3,619	26	27,263
Seed Consultants	SCS 1069YHR	CB/LL/RW	106	24.5	32.5	31.9	8.0	38.0	49.1	0.79	36.9	34.0	57.6	8.4	3,695	12	27,219

Results Table continued next page

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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 [†]	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd		uNDF 240 h	Milk/Ton DM ^{††}		Milk/Acre (Lbs)	
			70% H2O (Tons/A)	Stand (x1,000)			Total (% DM)	Digest (% Tot)			24 h	48 h		(Lbs)	Rank		
Seed Consultants	SC-EX105YHR	OI	104	24.1	31.5	32.8	8.0	38.9	50.2	0.79	35.5	33.5	58.9	7.7	3,748	4	27,063
Mid-Atlantic	MA8074	VT2P	107	24.8	31.7	36.6	7.4	39.1	48.0	0.78	37.4	32.6	56.1	8.3	3,634	23	27,040
Augusta	A9967	3000GT	116	25.3	31.8	31.5	7.1	35.2	47.8	0.76	40.6	33.3	55.8	8.8	3,525	33	26,746
NK Brand	NK1573-3000GT	3000GT	115	24.5	33.1	30.5	7.8	36.7	47.3	0.77	38.4	32.8	55.2	8.4	3,614	28	26,570
Mid-Atlantic	MA5166	3111	116	24.8	30.9	31.2	7.9	35.4	49.3	0.77	38.5	35.1	57.4	6.8	3,562	30	26,546
Augusta	A5566	3111	116	25.3	32.1	30.6	7.7	33.6	48.6	0.75	40.2	34.6	56.7	7.7	3,493	35	26,462
Augusta	A1059	3110	109	23.4	32.5	35.1	7.4	40.5	47.0	0.80	35.8	32.7	54.8	8.1	3,704	11	26,005
Hubner	H6394RCSS	STX	108	23.7	32.4	35.8	7.4	40.8	46.8	0.80	35.6	32.4	54.5	7.9	3,653	19	25,891
Local Seed Co.	ZS1487 PC	PC	114	24.1	31.9	29.8	7.5	35.6	48.4	0.77	39.2	34.0	56.5	7.5	3,558	31	25,725
NK Brand	NK1205-3120	3120	112	23.3	32.1	31.6	7.9	36.7	49.5	0.78	38.0	35.0	58.0	7.8	3,681	16	25,682
Chemgro	7399D4Z	5122	113	23.1	30.8	32.9	7.5	37.7	48.6	0.78	38.5	34.4	56.8	7.9	3,623	25	25,178
Mid-Atlantic	MA7084HD	RR	108	21.8	32.5	32.2	7.8	32.5	47.5	0.74	41.2	33.1	55.5	9.3	3,394	36	22,453
Average =			25.1	32.1	33.1	7.6	38.0	47.9	0.78	37.4	33.3	55.9	7.8	3,647		27,483	
LSD(0.10) =			1.4	1.0	1.1	0.3	2.7	1.2	0.02	2.4	1.4	1.5	0.9	104		1,911	
LSD(0.25) =			0.8	0.6	0.6	0.1	1.4	0.7	0.01	1.2	0.7	0.8	0.5	54		1,003	
C.V. =			6.0	3.6	3.8	3.7	7.8	2.8	3.1	7.0	4.5	3.0	12.8	3.0		8.0	

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

Visit us at www.firstseedtests.com

Report Date: 9/26/2019

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Revised:

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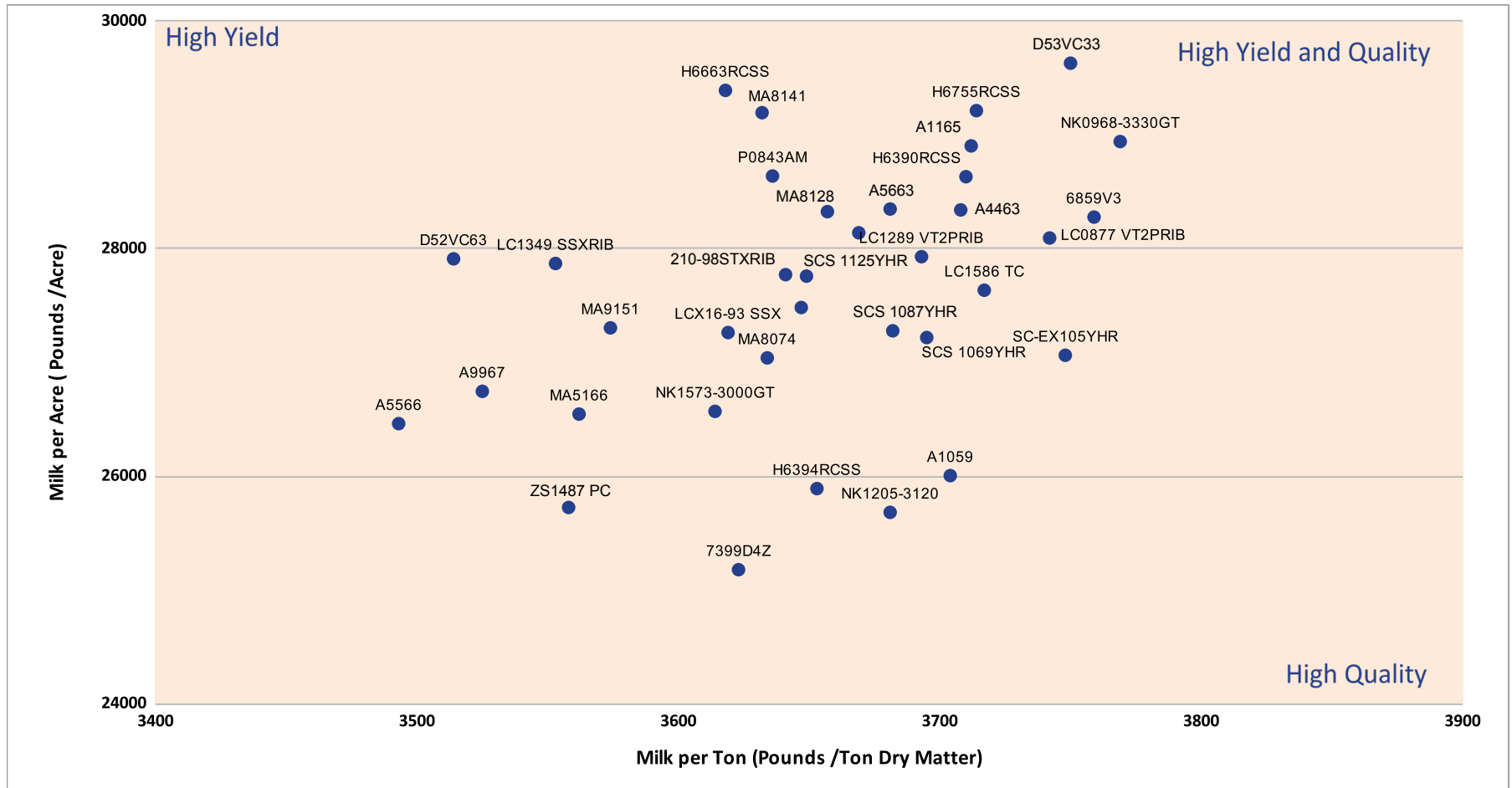
Test sites include: Centre Hall, Martinsburg, Mifflintown and New Bloomfield



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

105-116 Day CRM

All 36 Products Tested



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.