

2021 Silage Region Summary for Pennsylvania Southeast [PASE]



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

Test sites include: Greencastle, Lebanon, Mount Joy, Nottingham

113 - 119 Day CRM

Top 30 of 42 Products Tested

Yield, Average of (12) Replications

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

Company/Brand	Product/Brand†	Technology†	CRM	Yield at 65% H2O (Tons/A)	Stand (x1,000)	Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton DM††		Milk/ Acre (Lbs)↓
								Starch (% DM)	In-Situ SD 7 h (%)	NEL (Mcal/lb)	NDF (% DM)	NDFd 30h* (% of NDF)	uNDF 240 h (%DM)	(Lbs)	Rank	
Seedway	SW1579SS	STX,B	115	27.0	0.0	34.5	8.6	37.8	61.60	0.77	36.7	58.2	10.2	3,649	2	33,796
Local Seed	LC1919 VT2P	VT2P,B	119	25.0	0.0	33.2	9.0	37.2	61.80	0.79	35.7	58.1	9.4	3,723	1	33,020
Mid-Atlantic	MA5166	3111	116	26.1	0.0	31.6	8.5	35.3	61.50	0.76	38.1	57.3	10.1	3,557	9	32,603
Dyna-Gro	D55VC80	VT2P	115	26.4	0.0	34.4	8.0	38.8	61.30	0.78	36.6	57.9	10.3	3,625	4	32,196
Local Seed	LC1707 VT2P	VT2P,B	117	26.7	0.0	37.2	8.1	38.5	58.00	0.78	37.1	54.4	10.8	3,508	21	32,041
Dyna-Gro	D57TC29	TRE	117	25.4	0.0	32.3	8.4	36.2	59.90	0.76	38.1	55.8	11.4	3,558	8	31,760
Hubner	H6755RCSS	STX,B	114	25.6	0.0	33.7	7.8	38.0	63.00	0.77	37.2	54.8	10.4	3,559	7	31,320
Hubner	H13G513	VT2PDG,B	113	26.0	0.0	36.6	7.7	41.3	64.80	0.78	35.0	53.8	10.1	3,494	25	31,299
Seedway	SW6760 GENSS RIB	STX,B	112	25.6	0.0	35.3	8.2	38.4	63.70	0.77	36.9	54.5	10.2	3,528	17	31,141
Chemgro	7119D4Z	5122,B	111	25.6	0.0	37.0	7.4	40.8	65.70	0.78	35.6	54.2	10.4	3,478	28	31,069
Mid-Atlantic	MA8141	VT2PDG,B	114	24.8	0.0	33.6	7.9	37.8	63.20	0.77	37.0	54.5	10.1	3,539	14	30,913
Local Seed	LC1506 VT2PRIB	VT2P,B	115	26.4	0.0	33.8	8.2	38.8	59.90	0.78	36.2	53.0	11.2	3,534	16	30,888
AgriGold	A645-80	3111	115	24.6	0.0	33.1	8.6	36.3	60.80	0.76	37.3	55.2	10.8	3,582	5	30,722
Chemgro	7309RSX	STX,B	113	24.8	0.0	34.8	8.2	37.8	63.10	0.78	37.1	55.7	9.9	3,541	12	30,707
Seed Consultants	SCS 1188AM	AM,B	118	25.4	0.0	36.0	8.1	39.7	61.30	0.78	35.5	54.7	10.2	3,508	22	30,659
Local Seed	LC1688 SSXRIB	STX,B	116	25.3	0.0	32.8	8.4	34.6	61.40	0.75	39.2	56.4	11.7	3,505	23	30,619
Local Seed	LC1407 VT2PRIB	VT2P,B	114	25.3	0.0	33.8	8.0	36.6	63.60	0.76	37.9	55.8	10.3	3,550	10	30,614
Chemgro	7789RSX	STX,B	117	24.1	0.0	32.5	8.6	35.6	61.30	0.77	38.0	58.2	11.0	3,627	3	30,581
Augusta	A4463	VT2P	113	24.5	0.0	38.3	7.7	40.4	61.50	0.78	35.7	54.9	10.1	3,515	19	30,459
Mid-Atlantic	MA8158	STX,B	115	25.3	0.0	35.4	8.4	36.3	60.90	0.76	38.4	55.5	11.1	3,475	29	30,430
Mid-Atlantic	MA5161	5122,B	116	23.8	0.0	31.6	8.5	35.6	62.70	0.77	37.5	56.9	9.9	3,541	13	30,172
Seed Consultants	SCS 1158AM	AM,B	115	25.2	0.0	33.5	8.6	36.4	62.40	0.77	37.5	57.5	10.3	3,564	6	30,026
Augusta	A1165	VT2P	115	24.6	0.0	31.8	8.2	34.6	62.50	0.75	39.2	56.1	11.6	3,504	24	29,611
Augusta	A3363	VT2PDG	113	23.8	0.0	36.1	7.8	41.6	64.80	0.79	34.6	55.3	9.7	3,527	18	29,478
Hubner	H6390RCSS	STX,B	108	24.1	0.0	37.1	7.9	40.7	62.80	0.79	35.1	55.6	9.5	3,543	11	29,457
Augusta	A4463C	CONV	113	24.9	0.0	39.1	7.7	41.1	61.60	0.79	35.6	55.4	10.1	3,480	26	29,426
Augusta	A5664	5222	114	24.1	0.0	32.4	7.8	37.1	66.10	0.76	37.4	56.9	9.4	3,536	15	29,360
Seed Consultants	SCS 1141AM	AM,B	114	24.3	0.0	33.3	8.4	37.1	62.70	0.77	37.9	56.9	10.9	3,513	20	29,169
Channel	210-98STXRIB	STX,B	112	23.0	0.0	33.4	7.8	35.3	64.60	0.76	39.2	56.6	10.4	3,479	27	28,241
Brevant	B14U78SXE	STX,E	114	19.7	0.0	31.8	7.9	32.0	63.10	0.76	40.4	64.6	7.5	3,469	30	24,011
Average =				24.5	32.2	34.4	8.1	37.2	62.5	0.77	37.5	56.0	10.5	3,506		30,036
LSD(0.10) =				1.1		3.6	0.4	3.6	ns	ns	ns	2.1	1.2	ns		2,744
LSD(0.25) =				0.6		1.9	0.2	1.9	ns	ns	ns	1.1	0.7	ns		1,441
C.V. =				8.2		11.5	5.2	10.7	5.2	3.8	9.1	4.2	13.0	4.4		10.0

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

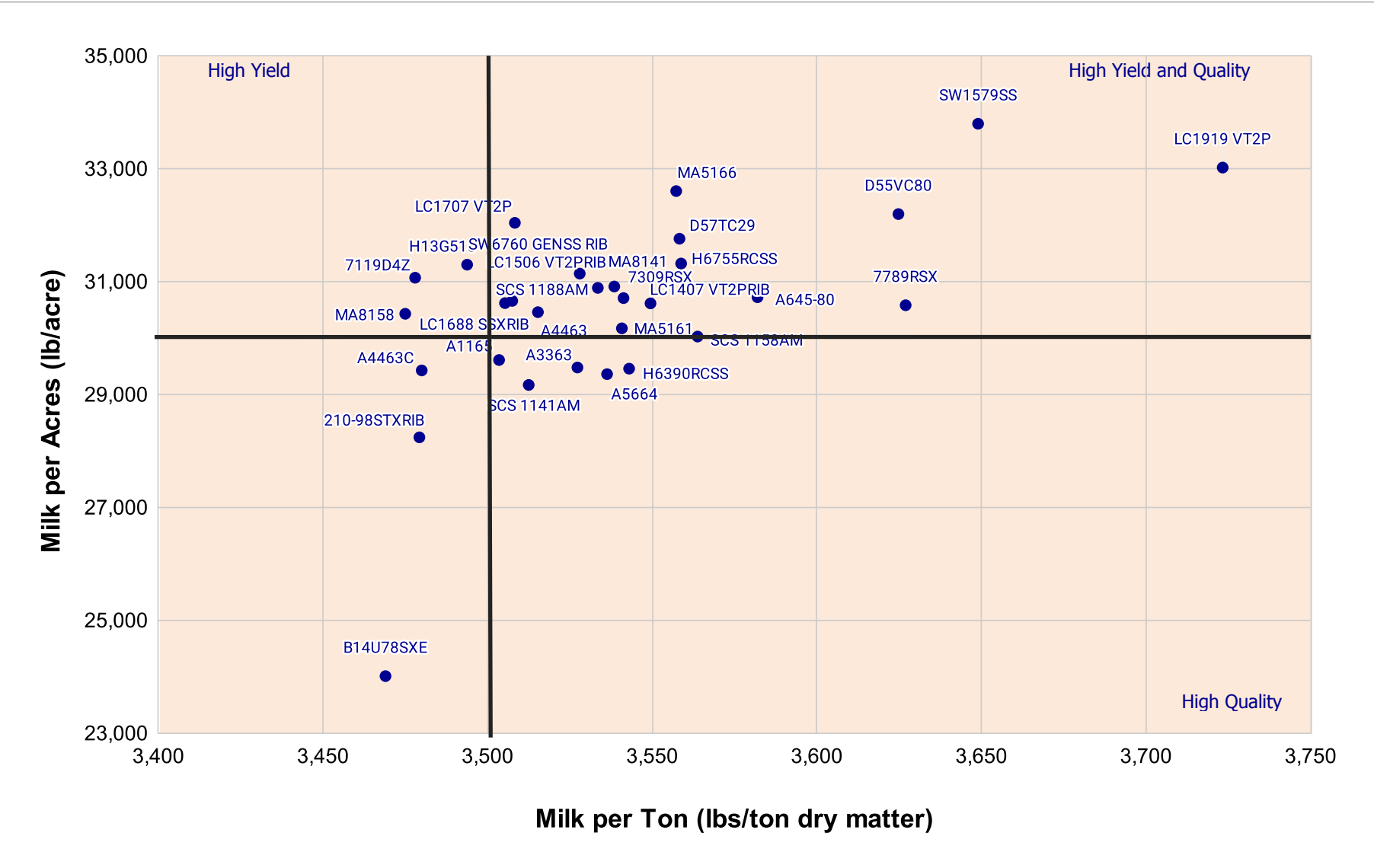
2021 Silage Region Summary for Pennsylvania Southeast [PASE]

Test sites include: Greencastle, Lebanon, Mount Joy, Nottingham

Yield vs Quality Graph

113 - 119 Day CRM

Top 30 of 42 Products Tested



2021 Corn Silage - Pennsylvania Southeast [PASE]

All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RIB	RM	Seed Treat.
AgriGold	A645-80 GC	3111	N	115	NA
AgriGold	A647-35 GC	5222,B	Y	117	NA
Augusta	A1165	VT2P	N	115	CM,C2
Augusta	A3363	VT2PDG	N	113	CM,C2
Augusta	A4463	VT2P	N	113	CM,C2
Augusta	A4463C	CONV	N	113	CM,C2
Augusta	A5664	5222	N	114	CM,C2
Augusta	A9967	3000GT	N*	117	CM,C2
Brevant	B14U78SXE GC	STX,E	N*	114	NA
Brevant	B15B75SX GC	STX	N*	115	NA
Channel	210-98STXRIB GC	STX,B	Y	112	NA
Chemgro	7119D4Z	5122,B	Y	111	CM,C2
Chemgro	7309RSX	STX,B	Y	113	AC,P2
Chemgro	7789RSX	STX,B	Y	117	AC,P5
Chemgro	7799D5Z	5222,B	Y	117	CM,C2
Dyna-Gro	D55VC80	VT2P	N	115	AC,P5
Dyna-Gro	D57TC29	TRE	N	117	AC,P5
Hubner	H13G513	VT2PDG,B	Y	113	P500
Hubner	H4890RC2P	VT2P,B	Y	117	P250
Hubner	H6225RCSS GC	STX	Y	102	AC,P5V
Hubner	H6390RCSS	STX,B	Y	108	AC,P5V
Hubner	H6663RCSS	STX,B	Y	113	AC,P5V
Hubner	H6755RCSS	STX,B	Y	114	AC,P5V
Local Seed	LC1407 VT2PRIB	VT2P,B	Y	114	RP
Local Seed	LC1506 VT2PRIB	VT2P,B	Y	115	RP
Local Seed	LC1688 SSXRIB	STX,B	Y	116	RP
Local Seed	LC1707 VT2P	VT2P,B	Y	117	RP
Local Seed	LC1919 VT2P	VT2P,B	Y	119	RP
Mid-Atlantic	MA5161	5122,B	Y	116	CM,C2
Mid-Atlantic	MA5165HD	3000GT	N*	116	CM,C2
Mid-Atlantic	MA5166	3111	N	116	CM,C2
Mid-Atlantic	MA5144	5122,B	Y	114	CM,C2
Mid-Atlantic	MA8141	VT2PDG,B	N*	114	AC,P2
Mid-Atlantic	MA8158	STX,B	Y	115	AC,P2
Pioneer	P0339AM GC	AM,B	Y	103	NA
Seed Consultants	SCS 1141AM	AM,B	Y	114	AC,P5V

Company/Brand	Brand/Product	Technology	RIB	RM	Seed Treat.
Seed Consultants	SCS 1158AM	AM,B	Y	115	AC,P5V
Seed Consultants	SCS 1170AM	AM,B	Y	117	AC,P5V
Seed Consultants	SCS 1188AM	AM,B	Y	118	AC,P5V
Seedway	SW1579SS	STX,B	Y	115	AC,P5
Seedway	SW1781SS	STX,B	Y	117	AC,P5
Seedway	SW6760 GENSS RIB	STX,B	Y	112	AC,P5

* FIRST does not inspect products for refuge blend. N* indicates the product was entered without a refuge component by the sponsoring seed company. Prior year entries may contain refuge blend.

Footnotes and Abbreviations Descriptions

Brand Footnotes

GC Grower Comparison product included by FIRST when space permits.

Corn Silage Technologies

3000GT	Agrisure® 3000GT
3111	Agrisure® Vipera® 3111 (Vip,CB,RW,LL,GT)
5222	Agrisure® Duracade® 5222
CONV	Conventional
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®

Corn Silage Seed Treatments*

NA	Not Available
AC,P2	Acceleron® 250
AC,P5	Acceleron® 500
AC,P5V	Acceleron® Poncho 500/Votivo
CM,C2	CruiserMaxx® 250
P250	Poncho 250
P500	Poncho 500
RP	Radius 500 (Local Seed Co)

* Seed treatments may include unspecified plant health promoting components.