

2021 Silage Harvest Report for Pennsylvania Southeast [PASE]

Frank Graybill, Lebanon County, PA [LEBANON]

PREV. CROP/HERB: Corn / Glyphosate, Lumax

SOIL INFORMATION: Clay loam, mod. well drained, no-till, very high P, very high K, 7.0 pH, 2.6% OM, non-irrigated

UNITS N-P-K Applied: 260-240-390, N Applied: 130 Fall, 130 Spring

PEST MANAGEMENT: Glyphosate, Lumax, Ethos, Xyway, Capreno, Atrazine

SEEDED - RATE: May 6 34,500 /A

HARVESTED - STAND: Aug 30 31,300 /A



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

113 - 119 Day CRM

L2021PASE19

Top 30 of 42 Products Tested, 3 Rep. Yield Average

Company/Brand	Product/Brand†	Technology†	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	ENERGY			FIBER			Milk/Ton DM††		Milk/Acre (Lbs)↓
				65% H2O (Tons/A)	Stand (x1,000)			Starch (% DM)	In-Situ SD 7 h (%)	NEL (Mcal/lb)	NDF (% DM)	NDFd 30h* (% of NDF)	uNDF 240 h (%DM)	Milk/Ton DM†† (Lbs)	Rank	
Seedway	SW1579SS	STX,B	115	25.7	30.8	34.2	8.5	38.6	63.15	0.77	35.9	57.7	9.1	3,770	3	33,911
Seed Consultants	SCS 1170AM	AM,B	117	24.0	31.8	32.7	7.8	41.2	65.36	0.78	35.2	58.0	9.6	3,787	2	31,767
Local Seed	LC1506 VT2PRIB	VT2P,B	115	25.2	30.9	34.1	7.6	41.1	62.29	0.78	35.4	52.2	10.8	3,600	16	31,710
Augusta	A4463C	CONV	113	24.3	32.2	36.5	8.1	44.3	59.27	0.81	32.9	58.9	11.1	3,674	10	31,247
Dyna-Gro	D55VC80	VT2P	115	24.1	32.0	33.8	7.5	36.8	60.62	0.76	38.5	57.8	11.0	3,618	15	30,518
Local Seed	LC1707 VT2P	VT2P,B	117	24.1	32.9	33.6	8.2	38.5	55.98	0.77	37.7	53.4	11.2	3,592	18	30,340
Hubner	H6663RCSS	STX,B	113	23.6	31.5	31.2	8.0	36.3	63.28	0.77	37.8	56.9	11.4	3,588	19	29,679
Hubner	H13G513	VT2PDG,B	113	23.9	33.4	32.3	7.7	39.7	64.58	0.77	36.9	55.5	11.9	3,540	29	29,612
Hubner	H6390RCSS	STX,B	108	23.2	32.3	33.5	7.9	40.1	61.15	0.78	35.8	56.1	11.2	3,634	13	29,550
Augusta	A5664	5222	114	22.5	30.8	31.3	8.2	40.2	64.25	0.78	34.9	58.9	9.8	3,742	4	29,512
Chemgro	7309RSX	STX,B	113	22.8	32.1	32.8	8.3	38.7	62.98	0.78	37.2	58.0	11.0	3,697	7	29,502
Dyna-Gro	D57TC29	TRE	117	23.1	31.8	30.1	8.1	36.6	59.99	0.75	38.6	55.9	10.9	3,561	23	28,832
Seed Consultants	SCS 1158AM	AM,B	115	22.3	30.6	32.6	8.3	39.3	60.94	0.80	34.7	57.1	9.6	3,682	9	28,781
Augusta	A1165	VT2P	115	22.7	32.2	31.2	8.0	35.6	62.93	0.75	38.5	56.6	10.9	3,594	17	28,512
Local Seed	LC1919 VT2P	VT2P,B	119	22.4	30.5	30.9	8.4	36.3	62.46	0.78	36.8	56.1	10.6	3,635	12	28,498
Seed Consultants	SCS 1141AM	AM,B	114	22.7	31.9	30.4	8.0	39.1	66.21	0.76	37.7	55.3	11.6	3,543	28	28,190
Augusta	A3363	VT2PDG	113	21.5	31.5	33.7	8.2	43.1	63.80	0.80	33.5	59.9	10.1	3,711	6	27,969
Seed Consultants	SCS 1188AM	AM,B	118	22.2	31.7	31.6	8.0	37.6	62.05	0.76	37.3	54.2	10.8	3,543	27	27,529
Chemgro	7119D4Z	5122,B	111	22.2	30.7	31.9	7.8	37.0	65.14	0.77	38.1	56.7	12.0	3,531	30	27,477
Augusta	A4463	VT2P	113	20.9	32.9	34.8	7.7	40.8	61.95	0.78	35.7	58.0	10.8	3,734	5	27,271
Chemgro	7789RSX	STX,B	117	21.4	29.1	31.9	7.9	35.8	60.96	0.76	39.3	58.1	12.3	3,627	14	27,166
Chemgro	7799D5Z	5222,B	117	20.9	30.8	31.3	8.0	40.3	59.57	0.78	35.6	55.9	9.5	3,695	8	26,986
Mid-Atlantic	MA8158	STX,B	115	21.3	31.5	32.7	8.5	33.1	62.47	0.75	40.3	57.9	11.6	3,566	22	26,585
Seedway	SW6760 GENSS RIB	STX,B	112	21.1	32.8	31.8	7.9	35.6	64.39	0.76	39.4	56.1	12.0	3,545	26	26,180
Hubner	H4890RC2P	VT2P,B	117	20.9	30.5	30.5	8.8	35.2	57.75	0.75	39.4	56.6	10.9	3,558	24	25,985
Local Seed	LC1407 VT2PRIB	VT2P,B	114	20.4	31.0	31.4	8.0	34.6	63.12	0.74	40.0	56.8	11.3	3,587	20	25,569
Pioneer	P0339AM	AM,B	103	18.9	28.4	34.3	8.3	42.1	59.90	0.79	34.0	60.5	9.3	3,802	1	25,150
Channel	210-98STXRIB	STX,B	112	19.5	30.1	32.5	7.7	37.3	61.21	0.78	38.0	59.9	11.3	3,663	11	25,000
Hubner	H6225RCSS	STX	102	19.4	30.1	35.9	8.5	36.7	66.05	0.77	36.9	54.1	11.8	3,577	21	24,246
Mid-Atlantic	MA5161	5122,B	116	19.5	30.1	30.2	8.3	37.1	60.39	0.76	37.6	55.2	11.0	3,548	25	24,215
Average =				22.0	31.3	31.9	8.0	36.6	62.1	0.80	38.3	56.8	11.1	3,567		28,250
LSD(0.10) =				1.8												
LSD(0.25) =				0.9												
C.V. =				7.6												

Robin Kauffman

Rob Kauffman

rkmait@aol.com, (717) 413-0763

† 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

TEST COMMENTS:

The planting conditions were cool and wet. Emergence was uniform but populations were reduced. Grass control was spotty with some areas causing yield reduction from the stress. Weather for the growing season was very good with rainfall above average which seemed to help areas that were affected by grass control early in the season. Overall rating of the plot is 6 out of 10. (10=best)

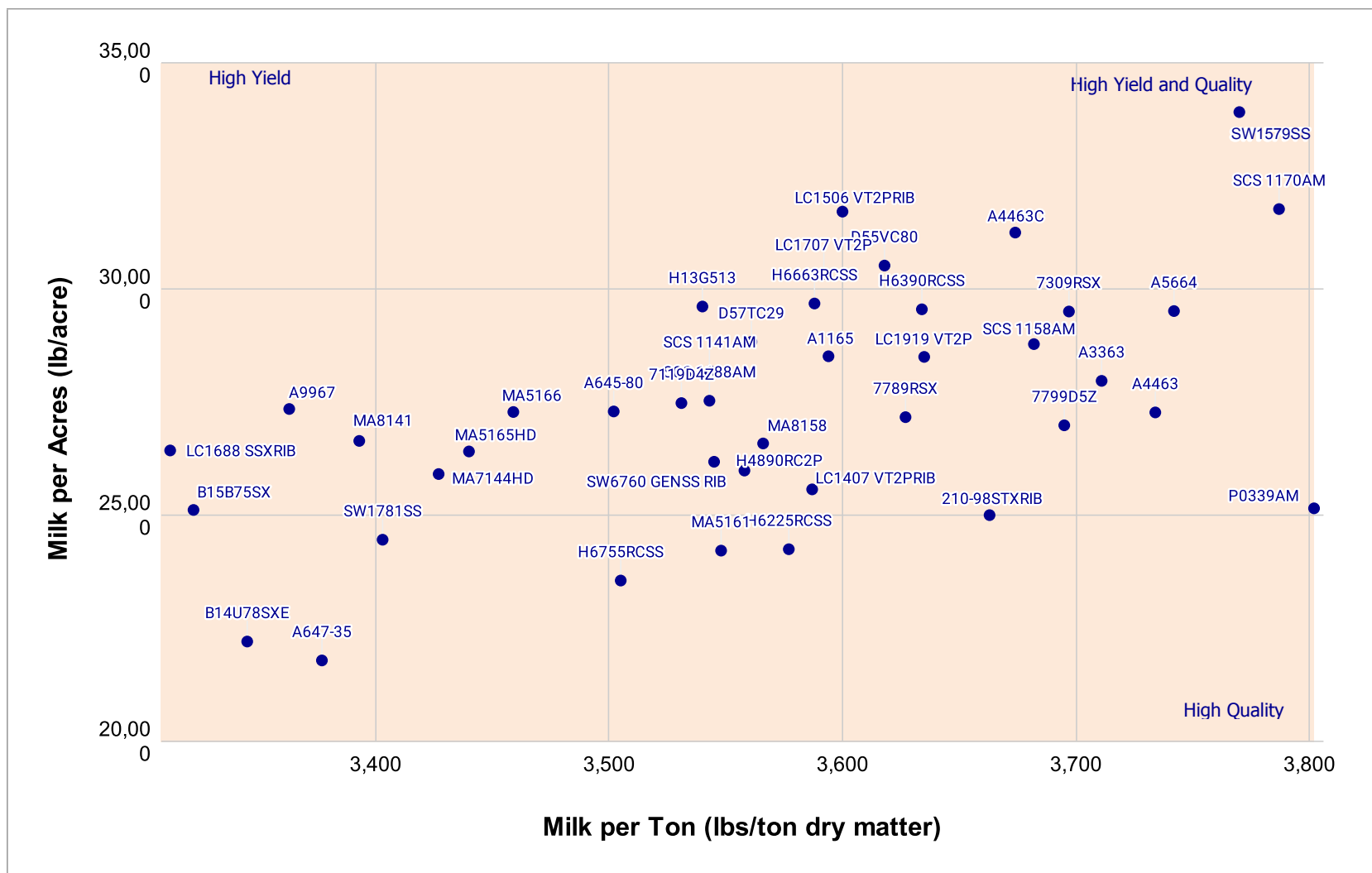
Visit us at www.firstseedtests.com

Report Date: 9/17/2021

Revised: 9/22/2021 Corrected SW1579SS technology

©2021, all rights reserved by Elite Field Genetics, LLC

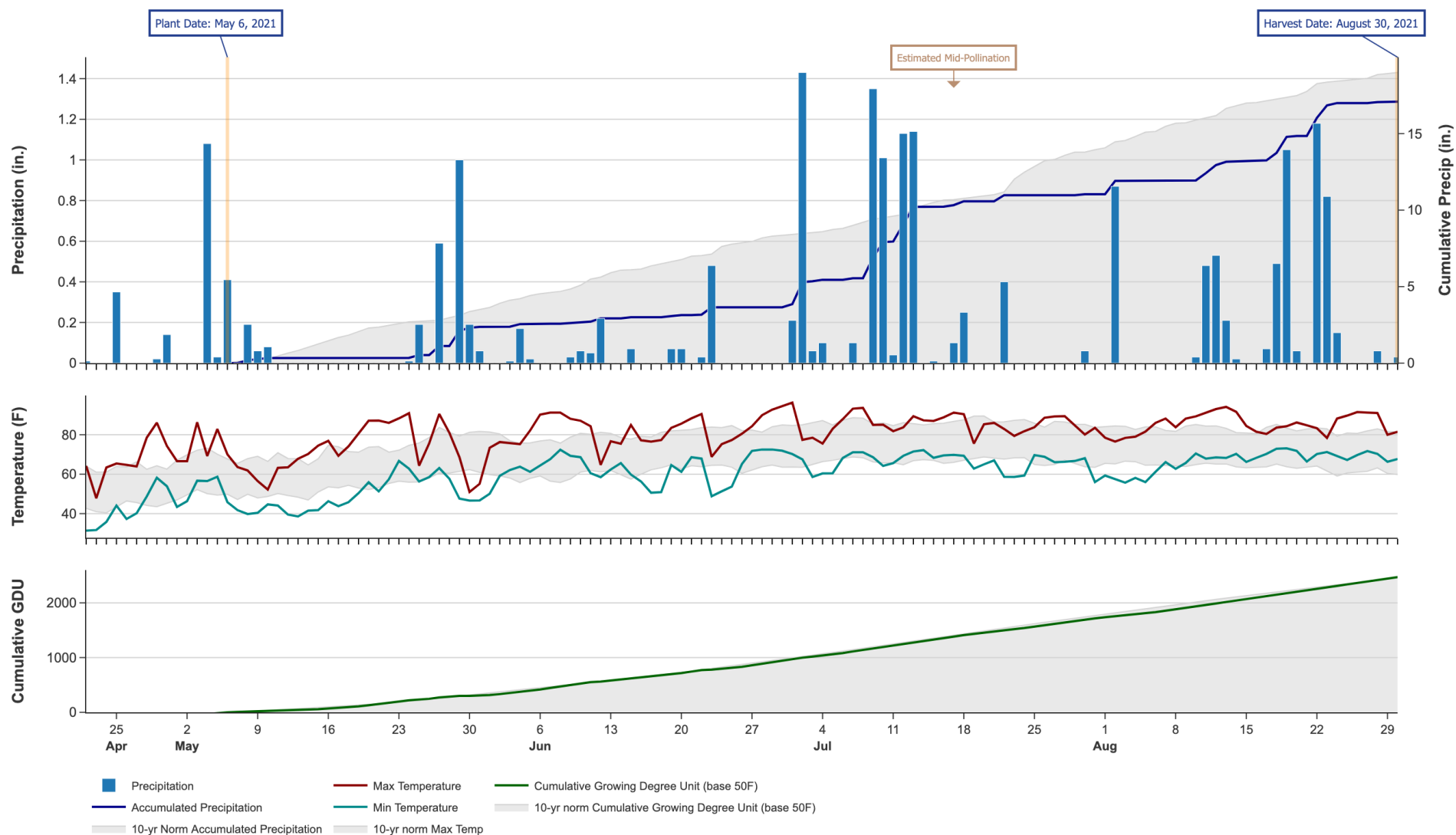
Yield vs Quality Graph



2021 Corn Silage - Pennsylvania Southeast [PASE]

Weather Conditions Summary at LEBANON, PA

Monthly Total	Apr*	May	Jun	Jul	Aug*	Total
Precip (in) Normal (Diff)	0.5 1.2 (-0.7)	3.9 4.7 (-0.8)	1.3 4.9 (-3.6)	7.4 5.6 (+1.8)	6.0 5.0 (+1.0)	19.1 21.4 (-2.3)
GDU Normal (Diff)	72 59 (+12)	385 403 (-18)	645 623 (+21)	770 804 (-34)	752 695 (+56)	2624 2585 (+38)



* First monthly total starts on the date 14 days prior to planting and final monthly total ends on the harvest date.

Note: Weather information from PRISM Climate Group. Data may be revised by the provider after retrieval. FIRST will not revise or update reports to reflect any weather data changes. For information purposes only.

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	MA7144HD	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® Viptera® 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.