

2020 Silage Harvest Report for Pennsylvania Southeast [PASE]

Mike Brubaker, Lancaster County, PA 17552 [MOUNT JOY]



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

PREV. CROP/HERB: Corn, 2+ Yr / Glyphosate, Capreno, atrazine

SOIL INFORMATION: Silt loam, mod. well drained, minimum w/o fall till, very high P, medium K, 5.8 pH, 3.1% OM, 9.0 CEC

UNITS N-P-K Applied: 215-125-200, N Applied: 125 Spring, 45 Planter, 45 Sidedress

PEST MANAGEMENT: Capture, Capreno, atrazine

113 - 119 Day CRM

L2020PASE22

SEEDED - RATE: May 26 34,500 /A

HARVESTED - STAND: Sep 10 32,700 /A

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

Company/Brand	Product/Brand†	Technology‡	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Total Starch (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)	uNDF (%DM)	Milk/Ton DM†† (Lbs)	Rank	Milk/Acre (Lbs)‡
				70% H2O (Tons/A)	Stand (x1,000)				In Situ Digestible 0 h (%)	7 h (%)							
MID-ATLANTIC	MA5165	3000GT	116	25.5	30.9	33.9	8.1	44.5	11.2	60.90	0.83	31.3	38.3	7.1	3,801	4	29,040
LOCAL SEED	LC1898 TC	TRE	118	26.6	35.1	37.8	8.3	38.5	7.6	58.99	0.78	37.3	32.0	9.7	3,570	20	28,524
AUGUSTA	9967	3000GT	117	26.0	35.4	35.0	8.1	38.8	12.0	63.53	0.79	36.3	37.0	8.3	3,642	16	28,444
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112	24.6	31.4	35.2	9.0	41.1	9.4	58.93	0.81	34.0	35.5	8.9	3,805	3	28,043
HUBNER	H6763RCSS	STX,B	115	25.1	32.0	33.5	8.7	36.6	6.6	57.70	0.77	37.9	32.7	10.0	3,712	11	27,951
HUBNER	H6890RCSS	STX,B	117	26.6	32.4	34.4	8.4	34.1	4.9	59.45	0.74	40.6	31.1	10.9	3,463	30	27,635
CHEMGRO	7789RSX	STX,B	117	24.1	31.9	31.7	8.9	38.3	13.5	59.21	0.80	34.9	36.4	7.9	3,768	7	27,280
AUGUSTA	4463	VT2P	113	24.1	33.7	37.1	8.4	42.9	10.4	57.07	0.82	32.2	33.0	7.4	3,740	9	27,003
DYNA-GRO	D55VC80	VT2P	115	24.7	32.8	32.8	8.4	36.5	6.9	61.38	0.77	38.5	36.8	9.2	3,643	15	26,995
LOCAL SEED	LC1688 SXXRIB	STX,B	116	23.7	33.2	32.0	8.7	35.3	13.0	60.25	0.77	37.9	34.6	9.7	3,680	14	26,202
MASTERS CHOICE	MC6733 GC	3000GT	117	24.9	32.7	33.5	8.7	32.3	5.9	62.51	0.76	39.2	39.6	8.3	3,496	23	26,150
CHEMGRO	7305RDP	VT2P,B	113	22.8	31.6	36.4	8.4	43.7	11.3	55.68	0.82	32.2	30.2	8.0	3,807	2	26,040
AUGUSTA	1165	VT2P	115	23.0	33.7	32.0	8.6	37.8	15.0	63.85	0.80	35.4	39.5	7.4	3,775	6	26,010
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109	23.1	33.1	34.0	8.2	37.6	12.8	60.26	0.78	36.7	36.3	9.3	3,744	8	25,983
AUGUSTA	4463C	CONV	113	22.9	33.1	34.9	8.5	40.3	8.0	59.72	0.80	34.7	36.0	8.3	3,735	10	25,622
DYNA-GRO	D57VC17	VT2P	117	22.3	31.5	33.9	8.8	40.7	6.2	58.92	0.81	34.6	36.9	9.3	3,789	5	25,311
LOCAL SEED	LC1308 TCRIB	TRE,B	113	22.5	28.9	33.8	8.6	39.4	8.4	61.30	0.80	35.0	35.9	8.0	3,704	12	25,002
LOCAL SEED	LC1488 SXXRIB	STX,B	114	21.7	32.4	32.7	8.7	44.7	10.4	55.45	0.83	30.7	31.6	7.0	3,822	1	24,919
CHEMGRO	7658G3	3000GT,B	116	23.4	33.2	31.2	8.2	33.8	3.5	63.51	0.75	40.5	41.4	9.6	3,495	24	24,570
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112	22.0	29.9	35.2	8.3	40.7	9.4	58.25	0.80	34.8	32.7	9.1	3,698	13	24,444
AUGUSTA	1064	CONV	114	22.3	34.2	30.1	8.2	35.3	10.7	63.42	0.76	38.9	38.9	9.1	3,563	21	23,836
SEED CONSULTANTS	SCS 1121AM	AM,B	112	21.9	33.2	30.3	9.0	35.9	12.5	64.62	0.78	35.8	40.8	7.9	3,583	19	23,576
NK BRAND	NK1460-5222-EZR	5222,B	114	21.6	33.7	31.8	8.5	37.1	8.6	63.17	0.77	37.0	35.4	9.4	3,612	17	23,406
SEED CONSULTANTS	SCS 1158AM	AM,B	115	22.2	34.2	31.7	8.2	35.0	8.2	62.15	0.76	39.4	36.2	9.7	3,506	22	23,385
NK BRAND	NK1573-5222-EZR	5222,B	115	22.2	34.3	29.8	8.5	35.6	6.3	64.26	0.77	37.2	41.6	8.2	3,474	28	23,137
SEED CONSULTANTS	SCS 1141AM	AM,B	114	21.2	33.8	27.6	8.3	34.8	9.8	63.44	0.76	39.3	39.4	9.0	3,591	18	22,875
LOCAL SEED	LC1506 VT2PRIB	VT2P,B	115	21.6	33.2	32.4	8.1	36.5	4.6	58.97	0.76	38.7	31.3	11.2	3,490	25	22,650
LOCAL SEED	LC1806 VT2PRIB	VT2P,B	117	20.6	31.5	31.2	9.4	31.7	7.8	62.80	0.75	39.8	39.1	10.2	3,484	27	21,531
MID-ATLANTIC	MA8141	DGVT2P	114	20.1	30.7	27.8	8.5	33.4	10.0	63.03	0.76	39.5	39.0	9.8	3,485	26	21,015
NK BRAND	NK1523-3220-EZR	3220,B	115	19.2	33.6	30.7	8.6	33.7	10.8	66.28	0.76	38.7	40.8	8.2	3,469	29	19,947

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Average = 22.6 32.7 32.0
 LSD(0.10) = 1.7
 LSD(0.25) = 0.9
 C.V. = 7.0

† 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: *Emergence and early growth were good. July and August saw hot and dry conditions, though rainfall came just as the corn started to show signs of stress. Disease control was excellent with very little gray leaf spot, but anthracnose was the starting to flare up. Tonnage for the year was slightly less than normal. The overall rating of the plot was 8 out of 10.(10=best)*

2020 Corn Silage - Pennsylvania Southeast [PASE]



All-Season Test Products (42 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	1064	CONV	114
AUGUSTA	1165	VT2P	115
AUGUSTA	4463	VT2P	113
AUGUSTA	4463C	CONV	113
AUGUSTA	9967	3000GT	117
CHEMGRO	7305RDP	VT2P,B	113
CHEMGRO	7658G3	3000GT,B	116
CHEMGRO	7789RSX	STX,B	117
CHEMGRO	7799D5Z	5222,B	117
DYNA-GRO	D55VC80	VT2P	115
DYNA-GRO	D57VC17	VT2P	117
HUBNER	H6663RCSS	STX,B	113
HUBNER	H6755RCSS	STX,B	114
HUBNER	H6763RCSS	STX,B	115
HUBNER	H6890RCSS	STX,B	117
LOCAL SEED	LC1308 TCRIB	TRE,B	113
LOCAL SEED	LC1488 SSXRIB	STX,B	114
LOCAL SEED	LC1506 VT2PRIB	VT2P,B	115
LOCAL SEED	LC1688 SSXRIB	STX,B	116
LOCAL SEED	LC1806 VT2PRIB	VT2P,B	117
LOCAL SEED	LC1898 TC	TRE	118
MASTERS CHOICE	MC6733 GC	3000GT	117
MID-ATLANTIC	MA5165	3000GT	116
MID-ATLANTIC	MA5166	3111	116
MID-ATLANTIC	MA8141	VT2PDG	114
MID-ATLANTIC	MA8158	STX,B	115
MYCOGEN	UNI14D38 GC	STX	114
NK BRAND	NK1460-5222-EZR	5222,B	114
NK BRAND	NK1523-3220-EZR	3220,B	115
NK BRAND	NK1573-5222-EZR	5222,B	115
NK BRAND	NK1677-3110	3110	116
NK BRAND	NK1748-3110	3110	117
NK BRAND	NK1808-3111	3111	118
SEED CONSULTANTS	SCS 1121AM	AM,B	112
SEED CONSULTANTS	SCS 1141AM	AM,B	114
SEED CONSULTANTS	SCS 1158AM	AM,B	115

Company/Brand	Brand/Product	Technology	RM
SEED CONSULTANTS	SCS 1188AM	AM,B	118
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112
SEEDWAY	SW8100 GENSS	STX,B	117
SEEDWAY	SW8109 VIP3111	3111	117

Footnotes and Abbreviations Descriptions

Brand Footnotes

- CK Identifies a check product included in early- and full-season tests.
GC Grower Comparison product included by FIRST when space permits.

Corn Silage Technologies*

3000GT	Agrisure® 3000GT
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)
3111	Agrisure® Viptera® 3111
3220	Agrisure® Viptera® 3220 (Vip,CB,HX,LL,GT)
5222	Agrisure® Duracade™ 5222
AM	Optimum® AcreMax®
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge
CONV	Conventional
STX	SmartStax®
TRE	Genuity® Trecepta™
VT2P	Genuity® VT Double PRO®
VT2PDG	Genuity® VT Double PRO® DroughtGard®
