

2020 Silage Harvest Report for Pennsylvania Southeast [PASE]

Alan Mason, Chester County, PA 19362 [NOTTINGHAM]

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

SOIL INFORMATION: Silty clay loam, minimum w/o fall till, very high P, medium K, 5.9 pH, 3.3% OM, 9.0 CEC

UNITS N-P-K Applied: 215-145-220, N Applied: 125 Spring, 90 Sidedress

PEST MANAGEMENT: Glyphosate, Capreno, Atrazine, Capture

SEEDED - RATE: May 28 34,500 /A

HARVESTED - STAND: Sep 9 33,500 /A



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

113 - 119 Day CRM

L2020PASE19

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

Company/Brand	Product/Brand†	Technology‡	CRM	Yield at		Dry Matter (%)	Crude Protein (% DM)	Starch		NEL (Mcal/lb)	NDF (% DM)	NDFd (% of NDF)	uNDF (%DM)	Milk/Ton DM††		Milk/Acre (Lbs) ↓	
				70% H2O (Tons/A)	Stand (x1,000)			Total (% DM)	In Situ Digestible					0 h (%)	7 h (%)		Rank
HUBNER	H6755RCSS	STX,B	114	25.3	36.1	32.9	8.2	39.6	16.2	66.08	0.79	35.4	31.9	9.5	3,680	4	27,968
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112	24.8	34.6	33.8	8.6	40.8	13.5	63.50	0.80	34.7	35.2	9.5	3,717	3	27,617
HUBNER	H6763RCSS	STX,B	115	26.2	35.6	33.8	8.4	34.7	11.6	64.28	0.75	40.0	33.5	11.8	3,459	26	27,188
AUGUSTA	4463	VT2P	113	24.1	33.8	38.0	8.2	43.0	17.0	61.92	0.82	32.9	32.2	8.7	3,728	2	26,991
DYNA-GRO	D55VC80	VT2P	115	25.3	35.2	34.0	8.5	37.9	8.1	65.81	0.78	37.7	35.1	9.9	3,558	14	26,970
CHEMGRO	7789RSX	STX,B	117	25.2	33.0	33.6	8.0	35.6	14.1	66.19	0.76	39.3	34.1	11.0	3,538	18	26,712
SEEDWAY	SW8100 GENSS	STX,B	117	24.5	35.4	33.6	8.1	37.6	10.0	63.15	0.77	38.8	33.0	11.6	3,614	11	26,527
HUBNER	H6890RCSS	STX,B	117	25.7	34.7	32.2	8.8	33.0	8.5	62.12	0.74	41.1	32.8	12.0	3,384	30	26,091
AUGUSTA	9967	3000GT	117	24.4	32.5	28.9	8.0	36.6	14.7	68.64	0.77	39.1	39.2	9.9	3,535	19	25,841
LOCAL SEED	LC1308 TCRIB	TRE,B	113	24.1	31.5	33.4	7.9	39.6	11.1	64.58	0.78	36.9	31.2	10.6	3,539	17	25,552
HUBNER	H6663RCSS	STX,B	113	24.0	33.4	32.9	8.0	37.6	11.7	65.60	0.77	37.4	33.0	11.0	3,503	20	25,257
LOCAL SEED	LC1688 SXRIB	STX,B	116	23.1	32.8	32.1	8.5	34.7	17.0	67.30	0.77	39.0	37.1	10.6	3,618	10	25,073
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109	22.6	33.3	32.2	7.8	38.9	16.7	64.41	0.78	36.4	34.5	10.1	3,636	7	24,688
NK BRAND	NK1573-5222-EZR	5222,B	115	23.2	35.1	32.0	8.3	37.0	11.5	66.57	0.77	37.5	38.3	10.6	3,496	23	24,367
MASTERS CHOICE	MC6733 GC	3000GT	117	23.3	33.6	31.5	8.3	34.3	8.8	66.27	0.75	39.3	38.3	10.4	3,428	28	23,927
LOCAL SEED	LC1488 SXRIB	STX,B	114	22.0	32.7	35.7	8.1	39.4	13.8	65.12	0.79	36.1	33.1	9.3	3,630	9	23,922
SEED CONSULTANTS	SCS 1121AM	AM,B	112	22.2	33.6	31.2	8.5	37.4	16.6	66.73	0.78	36.5	33.8	10.6	3,566	13	23,714
NK BRAND	NK1460-5222-EZR	5222,B	114	21.6	32.0	33.7	7.9	38.5	16.7	68.16	0.78	36.7	33.7	10.3	3,547	15	22,949
AUGUSTA	1165	VT2P	115	20.8	28.9	32.7	8.4	38.2	16.8	66.72	0.79	36.4	35.9	10.4	3,667	5	22,919
CHEMGRO	7658G3	3000GT,B	116	20.8	33.0	33.5	8.2	37.6	10.8	66.58	0.78	37.7	39.3	10.5	3,584	12	22,400
CHEMGRO	7305RDP	VT2P,B	113	20.5	32.0	37.0	8.0	42.6	11.4	60.11	0.80	33.7	27.7	8.9	3,634	8	22,313
LOCAL SEED	LC1898 TC	TRE	118	20.3	32.3	32.9	8.8	35.0	14.9	64.38	0.77	39.2	32.8	11.2	3,645	6	22,235
CHEMGRO	7799D5Z	5222,B	117	21.6	33.3	30.9	8.6	34.0	11.1	68.44	0.76	39.1	38.3	10.6	3,433	27	22,212
LOCAL SEED	LC1506 VT2PRIB	VT2P,B	115	21.0	32.1	32.1	8.6	37.6	7.8	62.82	0.77	37.0	33.1	11.3	3,501	22	22,091
SEED CONSULTANTS	SCS 1158AM	AM,B	115	21.0	34.5	30.8	8.5	33.0	14.5	66.63	0.74	41.1	38.0	10.7	3,473	24	21,915
SEED CONSULTANTS	SCS 1141AM	AM,B	114	21.3	33.7	30.3	8.4	33.6	16.8	69.71	0.75	39.6	40.3	9.8	3,397	29	21,707
SEED CONSULTANTS	SCS 1188AM	AM,B	118	20.1	33.7	29.2	8.8	34.8	14.3	63.42	0.76	38.8	32.9	11.9	3,502	21	21,152
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112	19.7	31.5	34.6	8.0	36.8	9.2	66.48	0.77	38.9	35.7	10.0	3,547	15	20,963
AUGUSTA	4463C	CONV	113	18.3	33.3	36.5	8.5	42.3	15.8	64.19	0.82	33.0	35.0	8.7	3,813	1	20,933
MYCOGEN	UNI14D38 GC	STX	114	19.4	33.8	28.0	8.4	28.6	15.2	75.14	0.74	42.9	46.4	8.1	3,471	25	20,201

Average = 22.3 33.5 32.2
 LSD(0.10) = 1.4
 LSD(0.25) = 0.7
 C.V. = 5.9

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† 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: Soil conditions at planting were very wet. Seed furrows did not close back until June. Rainfall the evening after planting did allow for good emergence. Rainfall totals were OK, but with the excessive heat, corn was under some stress during the season. Root worm adults did some silk clipping but pollination was good. Some hybrids did have tip fill problems. Disease was present with gray leaf spot and anthracnose the main ones. Overall rating of the plot is a 7 out of 10. (10=best)

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Report Date: 9/17/2020

Revised:

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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®
