

2020 Silage Harvest Report for Pennsylvania Southeast [PASE]

Steve Rudolf, Franklin County, PA 17225 [GREENCASTLE]



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

PREV. CROP/HERB: Corn / Accurron

SOIL INFORMATION: Silty clay loam, minimum w/o fall till, very high P, very high K, 6.3 pH, 3.4% OM, 9.4 CEC

UNITS N-P-K Applied: 259-140-240, N Applied: 205 Spring, 54 Sidedress

PEST MANAGEMENT: Accurron,Capture, TrivaPro, Baythroid

SEEDED - RATE: May 15 34,500 /A

HARVESTED - STAND: Sep 7 34,800 /A

113 - 119 Day CRM

L2020PASE21

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 (%)							
AUGUSTA	4463C	CONV	113	34.2	34.3	36.4	8.3	43.8	18.0	61.02	0.82	31.6	34.7	7.2	3,793	1	38,878
SEED CONSULTANTS	SCS 1141AM	AM,B	114	35.1	35.4	32.6	8.0	40.3	19.8	68.13	0.79	35.7	38.7	8.4	3,668	5	38,661
DYNA-GRO	D55VC80	VT2P	115	36.0	35.4	32.8	8.4	38.5	18.9	64.16	0.77	36.2	33.5	9.2	3,571	16	38,567
AUGUSTA	1165	VT2P	115	34.3	32.5	33.2	8.2	40.2	23.4	64.20	0.80	34.6	36.6	7.8	3,723	4	38,272
HUBNER	H6663RCSS	STX,B	113	35.0	35.4	32.6	7.9	37.4	20.7	65.70	0.77	37.6	36.9	9.7	3,629	10	38,141
CHEMGRO	7658G3	3000GT,B	116	34.7	35.2	34.1	8.5	38.3	18.6	65.07	0.78	35.8	39.6	8.4	3,667	6	38,137
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112	33.0	33.3	35.3	8.5	40.7	17.9	63.18	0.80	34.2	37.3	8.2	3,738	2	36,969
SEED CONSULTANTS	SCS 1158AM	AM,B	115	35.0	35.5	31.6	8.3	36.8	18.5	68.31	0.77	37.2	39.7	8.3	3,513	24	36,922
AUGUSTA	4463	VT2P	113	34.0	35.8	34.1	8.3	38.2	14.5	65.19	0.78	36.6	39.2	8.7	3,585	15	36,603
MASTERS CHOICE	MC6733 GC	3000GT	117	34.3	35.0	32.1	8.5	35.8	17.1	65.51	0.76	38.0	40.4	9.0	3,550	20	36,530
HUBNER	H6755RCSS	STX,B	114	34.5	34.5	32.2	8.0	36.2	18.5	67.66	0.76	38.4	35.1	10.4	3,509	26	36,353
NK BRAND	NK1460-5222-EZR	5222,B	114	32.9	36.8	33.5	8.2	40.3	18.2	66.46	0.79	35.4	37.4	9.8	3,617	11	35,736
SEED CONSULTANTS	SCS 1188AM	AM,B	118	33.2	34.3	33.4	8.5	38.0	18.1	62.74	0.77	36.8	36.5	10.2	3,553	18	35,352
CHEMGRO	7789RSX	STX,B	117	32.2	33.9	32.7	8.6	38.4	20.5	67.20	0.79	35.7	41.0	8.0	3,657	8	35,327
LOCAL SEED	LC1898 TC	TRE	118	32.4	35.6	33.1	8.7	38.1	15.8	62.64	0.78	36.9	36.8	9.3	3,602	12	35,011
CHEMGRO	7799D5Z	5222,B	117	33.6	34.5	31.4	8.3	36.4	14.6	67.48	0.76	37.7	40.3	9.1	3,462	30	34,897
MID-ATLANTIC	MA8141	DGVT2P	114	33.1	35.5	33.0	8.2	37.5	22.0	68.97	0.77	36.9	37.8	9.6	3,511	25	34,864
HUBNER	H6763RCSS	STX,B	115	31.9	36.8	33.4	8.9	34.9	18.4	64.34	0.76	38.2	36.9	9.9	3,644	9	34,837
LOCAL SEED	LC1488 SXRIB	STX,B	114	32.7	33.7	34.7	8.1	38.6	18.0	65.72	0.78	36.7	36.3	9.5	3,544	21	34,802
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109	31.1	33.4	32.9	8.1	39.3	20.2	66.44	0.80	34.4	41.4	8.1	3,731	3	34,773
MID-ATLANTIC	MA8158	STX,B	115	32.6	35.0	34.0	8.6	35.1	15.9	63.99	0.76	38.5	35.1	10.4	3,542	22	34,605
LOCAL SEED	LC1308 TCRIB	TRE,B	113	32.0	34.5	33.0	8.3	37.9	21.5	67.00	0.77	37.4	35.9	10.3	3,594	13	34,538
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112	32.0	33.9	33.2	8.6	35.1	18.6	67.19	0.76	38.2	37.8	9.9	3,551	19	34,125
LOCAL SEED	LC1806 VT2PRIB	VT2P,B	117	32.0	34.2	31.3	8.7	35.1	16.0	67.49	0.76	38.7	39.4	10.2	3,493	27	33,498
CHEMGRO	7305RDP	VT2P,B	113	30.4	34.2	33.1	8.4	38.9	18.5	66.18	0.79	35.4	39.7	8.0	3,665	7	33,461
SEED CONSULTANTS	SCS 1121AM	AM,B	112	32.0	34.5	29.3	8.8	34.0	25.5	73.47	0.77	37.4	44.5	7.5	3,484	28	33,446
SEEDWAY	SW8100 GENSS	STX,B	117	30.9	35.2	31.3	8.5	37.3	18.3	63.90	0.77	37.8	36.4	10.3	3,591	14	33,289
DYNA-GRO	D57VC17	VT2P	117	31.6	36.5	33.3	8.7	33.6	17.0	69.60	0.75	38.9	39.7	9.4	3,475	29	32,908
AUGUSTA	1064	CONV	114	30.5	35.4	32.4	8.0	38.3	22.5	67.65	0.77	37.1	37.8	9.3	3,562	17	32,592
AUGUSTA	9967	3000GT	117	29.1	33.7	29.9	8.2	35.1	19.4	68.13	0.76	39.1	40.3	9.5	3,527	23	30,791

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Average = **32.5**
 LSD(0.10) = 1.8
 LSD(0.25) = 0.9
 C.V. = 5.2

† 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: *Planting conditions were excellent. Dry for early June but rainfall for the summer was very timely and adequate. Fungicide was applied so disease pressure was minimal. Overall rating of this plot was 9 out of 10. (10=best)*

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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®
