

2020 Corn Silage Harvest Report for Pennsylvania Central [PACE]

David Graybill, Juniata County, PA 17094 [MIFFLINTOWN]



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

PREV. CROP/HERB: Soybean / Accurron

SOIL INFORMATION: Silty clay loam, No till, very high P, medium K, 6.4 pH, 2.6% OM, 9.6 CEC, non-irrigated

UNITS N-P-K Applied: 190-100-150, N Applied:

PEST MANAGEMENT: Accurron, Atrazine, Capture

SEEDED - RATE: May 19 34,500 /A

HARVESTED - STAND: Aug 31 34,443 /A

105 - 116 Day CRM

L2020PACE26

Top 30 of 45 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††	Milk/Acre (Lbs)	
				70% H2O (Tons/A)	Stand (x1,000)				In Situ Digestible 0 h (%)	7 h (%)							
MID-ATLANTIC	MA5083	3010	108	21.7	34.3	35.5	7.3	42.3	10.8	65.55	0.80	35.3	35.4	9.2	3,702	4	24,137
CHEMGRO	7305RDP	VT2P,B	113	22.3	32.8	35.0	6.9	37.3	5.9	66.96	0.75	40.9	34.4	11.6	3,555	20	23,819
SEEDWAY	SW5440 GENSS (RIB)	STX,B	105	22.1	33.7	36.9	7.6	40.1	10.0	69.54	0.77	36.7	29.1	10.0	3,558	18	23,590
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112	21.0	35.4	35.2	7.7	37.2	7.1	66.11	0.77	39.6	36.9	10.8	3,710	3	23,410
CHANNEL	210-98STXRIB GC	STX,B	112	22.2	35.0	32.5	7.1	34.6	8.5	68.74	0.74	42.7	36.0	12.0	3,507	26	23,392
SEEDWAY	SW6540 GENVT2P (RIB)	VT2P,B	107	20.7	33.7	36.4	7.4	38.6	11.7	64.74	0.78	37.9	30.7	11.0	3,660	7	22,765
HUBNER	H6390RCSS	STX,B	108	19.9	35.1	32.6	7.6	44.1	17.7	67.34	0.82	33.7	32.9	8.2	3,798	1	22,674
CHEMGRO	7658G3	3000GT,B	116	20.7	34.6	33.7	6.8	36.4	9.7	67.24	0.75	41.9	37.5	11.3	3,634	9	22,567
AUGUSTA	1060	3330,B	110	20.5	34.1	36.0	7.3	40.3	11.4	64.24	0.78	36.6	32.4	9.9	3,634	9	22,349
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107	21.1	34.8	32.6	7.2	36.3	10.9	68.14	0.75	40.7	33.2	12.0	3,508	25	22,241
DYNA-GRO	D53VC33	VT2P	113	20.2	34.1	33.6	7.5	36.8	11.1	67.03	0.76	40.2	36.4	10.0	3,670	6	22,203
AUGUSTA	1165	VT2P	115	21.0	33.8	30.3	7.4	32.9	7.6	66.71	0.74	42.7	35.1	11.9	3,489	30	22,016
LOCAL SEED	LC1488 SXRIB	STX,B	114	20.0	33.9	35.0	7.1	39.7	7.8	65.80	0.78	38.8	36.3	10.5	3,674	5	22,007
HUBNER	H6755RCSS	STX,B	114	20.5	34.7	31.5	7.1	34.5	14.8	68.39	0.75	40.9	33.9	10.4	3,564	17	21,954
MYCOGEN	TMR2H708 GC	CONV	108	20.8	35.8	31.7	6.9	36.5	13.5	69.75	0.76	39.2	33.1	9.2	3,496	29	21,780
AUGUSTA	5663	3000GT	113	19.9	33.2	34.6	7.2	36.6	10.0	69.16	0.76	40.9	36.0	11.0	3,627	13	21,689
NK BRAND	NK0968-3000GT	3000GT	109	19.6	33.8	36.2	7.5	38.5	9.8	63.88	0.77	38.6	33.9	10.7	3,628	12	21,296
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109	19.7	32.9	31.5	7.1	34.7	10.4	66.94	0.74	42.4	36.2	11.7	3,588	15	21,205
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112	19.8	35.0	33.9	7.2	34.5	8.4	69.61	0.74	43.4	37.0	11.8	3,551	21	21,057
CHEMGRO	6819D5Z	5222,B	108	19.1	35.1	32.5	7.1	38.2	14.2	67.71	0.77	39.1	32.4	11.3	3,659	8	20,929
AUGUSTA	4463C	CONV	113	18.8	35.1	34.1	7.0	39.2	8.0	66.00	0.76	40.3	35.5	11.7	3,629	11	20,468
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112	19.3	33.7	33.3	7.0	34.3	8.6	70.27	0.74	42.8	34.7	11.4	3,502	28	20,277
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109	17.7	34.6	34.9	7.2	43.1	11.9	66.38	0.80	35.6	34.4	9.8	3,777	2	20,094
SEED CONSULTANTS	SCS 1111Q	QR,B	111	18.5	34.1	32.2	7.5	35.7	9.7	69.76	0.75	41.2	37.7	11.0	3,558	18	19,711
AUGUSTA	4463	VT2P	113	18.5	34.7	34.9	6.7	35.6	7.1	68.63	0.75	41.6	36.0	11.0	3,545	22	19,710
MID-ATLANTIC	MA8128-VT2PRIB	VT2P,B	112	18.4	34.5	35.7	6.6	36.6	4.9	68.38	0.75	41.9	36.8	11.5	3,518	24	19,384
SEED CONSULTANTS	SCS 1071AM	AM,B	107	18.3	34.1	31.5	7.1	35.8	15.7	71.05	0.75	41.0	36.8	11.2	3,520	23	19,290
NK BRAND	NK1239-5122-EZR	5122,B	112	17.2	35.4	32.5	7.1	35.1	5.7	67.63	0.74	43.2	38.0	12.4	3,505	27	18,086
HUBNER	H6257RCSS	STX,B	104	16.6	35.0	35.2	7.5	37.0	9.6	68.30	0.77	38.5	34.4	9.8	3,621	14	18,069
NK BRAND	NK1205-3120-EZR	3120,B	112	15.9	35.2	29.9	7.9	35.3	6.2	66.42	0.76	40.4	38.6	10.5	3,568	16	17,055

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Average = 19.4 34.4 32.9
 LSD(0.10) = 2.0
 LSD(0.25) = 1.0
 C.V. = 9.7

† 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. Excellent emergence and good weed control. June saw marginal rainfall but July into early August were extremely dry and hot. Corn suffered through this period until beneficial rains came in late August. Plot variation was high with some hybrids taking the drought better than others. Plot rating of the plot is a 6 out of 10. (10=best)*

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All-Season Test Products (45 Total)

Company/Brand	Product/Brand	Technology	RM
AUGUSTA	1060	3330,B	110
AUGUSTA	1064	CONV	114
AUGUSTA	1165	VT2P	115
AUGUSTA	4463	VT2P	113
AUGUSTA	4463C	CONV	113
AUGUSTA	5663	3000GT	113
CHANNEL	210-98STXRIB GC	STX,B	112
CHEMGRO	6819D5Z	5222,B	108
CHEMGRO	6859V3	3111	108
CHEMGRO	7305RDP	VT2P,B	113
CHEMGRO	7658G3	3000GT,B	116
DYNA-GRO	D53VC33	VT2P	113
DYNA-GRO	D55VC80	VT2P	115
HUBNER	H6257RCSS	STX,B	104
HUBNER	H6390RCSS	STX,B	108
HUBNER	H6663RCSS	STX,B	113
HUBNER	H6755RCSS	STX,B	114
LOCAL SEED	LC0607 TCRIB	TRE,B	106
LOCAL SEED	LC0708 VT2PRIB	VT2P,B	107
LOCAL SEED	LC0999 VT2PRIB	VT2P,B	109
LOCAL SEED	LC1289 VT2PRIB	VT2P,B	112
LOCAL SEED	LC1488 SSXRIB	STX,B	114
LOCAL SEED	LC1506 VT2PRIB	VT2P,B	115
MID-ATLANTIC	MA5083	3010	108
MID-ATLANTIC	MA5166	3111	116
MID-ATLANTIC	MA8128-VT2PRIB	VT2P,B	112
MID-ATLANTIC	MA8141	VT2PDG	114
MYCOGEN	TMR2H708 GC	CONV	108
MYCOGEN	UNI06D58 GC	CONV	106
NK BRAND	NK0968-3000GT	3000GT	109
NK BRAND	NK1205-3120-EZR	3120,B	112
NK BRAND	NK1239-5122-EZR	5122,B	112
NK BRAND	NK1460-5222-EZR	5222,B	114
NK BRAND	NK1573-5222-EZR	5222,B	115
NK BRAND	NK1677-3110	3110	116
SEED CONSULTANTS	SCS 1069YHR	OI	106

Company/Brand	Brand/Product	Technology	RM
SEED CONSULTANTS	SCS 1071AM	AM,B	107
SEED CONSULTANTS	SCS 1111Q	QR,B	111
SEED CONSULTANTS	SCS 1121AM	AM,B	112
SEED CONSULTANTS	SCS 1141AM	AM,B	114
SEEDWAY	SW5440 GENSS (RIB)	STX,B	105
SEEDWAY	SW6540 GENVT2P (RIB)	VT2P,B	107
SEEDWAY	SW6630 GENSS (RIB)	STX,B	109
SEEDWAY	SW6760 GENSS (RIB)	STX,B	112
SEEDWAY	SW6790 GENVT2P (RIB)	VT2P,B	112

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	QR	Qrome™
3010	Agrisure® 3010	STX	SmartStax®
3110	Agrisure® Viptera® 3110 (Vip, CB,LL,GT)	TRE	Genuity® Trecepta™
3111	Agrisure® Viptera® 3111	VT2P	Genuity® VT Double PRO®
3120	Agrisure® 3120 (CB,HX,LL,GT)	VT2PDG	Genuity® VT Double PRO® DroughtGard®
3330	Agrisure® Viptera® 3330 (Vip,CB,LL,GT)		
5122	Agrisure® Duracade™ 5122		
5222	Agrisure® Duracade™ 5222		
AM	Optimum® AcreMax®		
B	Blend, Refuge in a Bag (RIB) or EZ-Refuge		
CONV	Conventional		
OI	Optimum® Intrasect®		