

2010 CORN SILAGE Harvest Report for Pennsylvania South East [PASE]

Steve Rudolf, Franklin County, PA 17225 [GREENCASTLE]

113-119 Day CRM

SOIL INFORMATION: no-till, 6.2 pH, 3.9% OM, moderate P, mod. high K, non-irrigated

APPLIED NITROGEN: 185 Units - 185 Spring,

PEST MANAGEMENT: Bicep II Magnum, Prowl, Province

 SEEDING - RATE: May 6 33,200 /A
 HARVESTED - STAND: Aug 23 33,600 /A

 TOP 24 OF 24 FOR MILK/ACRE
 YIELD, AVERAGE of (3) REPLICATIONS

COMPANY	BRAND	TECHNOLOGY [†]	MAT	YIELD at 70% H2O (TONS/A)	DRY MATTER (%)	CRUDE PROTEIN (% DM)	LIGNIN (% DM)	STARCH (% DM)	SS NEL (Mcal/lb)	TDN (% DM)	IVTD 30 HOUR (% DM)	NDF (% DM)	NDFd 30 HOUR (% NDF)	MILK/TON ^{††} (LBS)	MILK/ACRE (LBS)
Pioneer	33A88 GC	HXT,RR2	115	13.5	29.2	10.1	2.2	28.5	0.82	79.0	85.0	41.6	64	3,692	14,958
Chemgro	7748RVT*	VT3	117	13.3	26.9	10.7	2.3	27.4	0.82	79.0	87.0	39.4	66	3,679	14,689
Augusta	A5462GT3*	GT	115	14.8	30.1	9.9	2.9	25.4	0.76	74.0	80.0	42.7	54	3,268	14,494
Augusta	A6164GT3*	3000GT	114	13.4	31.6	9.9	2.3	27.6	0.77	75.0	82.0	42.4	56	3,468	13,909
Hubner	H5811VT3	VT3	115	13.5	26.9	10.2	2.5	26.5	0.80	79.0	85.0	38.8	61	3,394	13,748
Fielders Choice	NG6834	VT3	114	13.3	28.3	11.0	2.7	25.6	0.77	75.0	81.0	41.6	54	3,364	13,414
Channel	214-14VT3P	VT3P	114	12.1	29.4	10.7	3.5	29.9	0.79	76.0	83.0	41.1	59	3,628	13,193
Channel	216-63VT3	VT3	116	12.1	28.3	10.6	2.1	25.7	0.79	78.0	83.0	41.2	59	3,421	12,391
TA Seeds	TA780-13V*	VT3	116	11.1	26.3	11.2	2.3	25.6	0.83	81.0	86.0	39.7	65	3,677	12,273
Doebler	718HX	HX	115	11.2	29.8	10.1	2.2	29.7	0.82	78.0	84.0	39.1	59	3,639	12,247
Dyna-Gro	57V05	VT3	115	11.2	25.6	10.7	2.2	27.1	0.81	78.0	87.0	41.9	68	3,641	12,231
Fielders Choice	NG6880	VT3	117	12.0	26.2	10.2	2.4	23.2	0.77	77.0	84.0	43.1	63	3,327	12,000
Doebler	721XY	None	115	12.5	28.0	10.8	2.4	18.7	0.74	77.0	83.0	45.7	64	3,162	11,903
Augusta	A7664CB*	YGCB	114	11.6	25.5	11.2	2.6	22.6	0.79	78.0	83.0	42.9	61	3,408	11,871
Garst	83X61-3000GT	GC3000GT	113	12.3	29.6	10.2	2.2	23.4	0.75	76.0	82.0	43.2	59	3,172	11,714
Dyna-Gro	V5683VT3	VT3	116	11.4	25.6	11.3	2.4	20.5	0.76	76.0	83.0	45.4	64	3,318	11,328
Channel	218-30VT3P	VT3P	118	12.5	26.9	10.3	2.6	16.9	0.69	73.0	81.0	48.0	59	2,862	10,765
Fielders Choice	NG6893	VT3	117	11.1	28.1	10.3	2.5	25.0	0.77	78.0	84.0	39.8	60	3,224	10,718
Doebler	RPM 728HXR^	HX,RR2	116	11.9	27.3	10.2	3.0	20.8	0.72	75.0	81.0	42.8	57	2,973	10,650
Hubner	H3922RR	RR2	116	10.8	27.0	11.0	2.4	21.0	0.74	76.0	83.0	44.2	63	3,174	10,323
TA Seeds	TA790-18*	GT	118	9.9	28.1	11.6	2.1	25.0	0.76	75.0	81.0	43.1	56	3,399	10,067
Augusta	A5337EVT3	VT3	109	10.5	23.8	11.6	3.1	19.8	0.73	75.0	85.0	42.5	64	3,178	10,006
TA Seeds	TA765-00*	NONE	115	10.8	26.0	11.2	2.3	18.1	0.72	75.0	82.0	45.9	62	3,020	9,797
Fielders Choice	NG6885	RR2	117	10.1	26.4	11.0	2.8	16.7	0.70	73.0	80.0	48.3	60	2,942	8,938
Test Average =				12.0	27.5	10.7	2.5	24	0.77	76.5	83.1	42.7	60.7	3,335	11,985
LSD(0.10) =				1.8											
C.V. =				10.7											


 F.I.R.S.T. Manager

[†] RESISTANCE TECHNOLOGY: Corn Borer - 3000GT, CB, HX, HXT, YGCB, VT3, VT3P; Corn Rootworm - 3000GT, HXT, RW, VT3, VT3P; Glyphosate - 3000GT, GT, RR2, VT3, VT3P; Liberty - 3000GT, HX1, HXT, LL
^{††} Milk/ton calculated using Milk2006. Bold yields are significantly above test average. * = brands without a seed lot number; ns = not significantly different

TEST COMMENTS: On June 10, this was the best looking plot for the year. Waist high corn with excellent stand and good soil moisture. From then on the rains stopped. Some late August rains did little to help grain fill. Most hybrids had only partial grain fill. Some gray leaf spot, northern corn leaf blight and Anthracnose was observed.