

ALGER & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (96 Day and Earlier)

TABLE 10.

2011		TRIAL AVERAGE												Alger											
BRAND / HYBRID	RM TRT TRAIT	YIELD				% QUALITY				MILK 2006				YIELD				% QUALITY				MILK 2006			
		%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CB SEEDS CBS3954	91	38.8	13.1	5.1	95	79.3	25.9	48.2	55.5	8.2	24.2	3020	15606	29.2	12.6	3.7	99	77.1	30.0	55.7	57.6	7.5	14.1	2785	11018
CB SEEDS CBX10591	94	36.3	11.7	4.4	89	79.4	26.0	50.4	57.5	8.4	23.4	3088	14179	29.7	9.5	2.9	100	79.0	28.2	55.4	59.9	9.1	17.0	3048	8653
CB SEEDS CBX41322	95	39.4	11.7	4.7	85	79.7	26.0	47.7	56.7	8.2	26.6	3122	14869	30.9	9.8	3.0	94	78.8	27.6	53.0	59.3	8.4	20.0	3067	9204
G2 GENETICS 5X-8901™	89	50.4	10.8	5.5	89	83.5	19.1	39.8	58.3	8.6	36.1	3379	18618	40.0	9.1	3.7	92	81.7	26.0	46.3	59.2	8.1	29.1	3283	12054
MYCOGEN 2A399	95	42.4	12.8	5.5	96	80.6	24.3	45.2	58.8	7.6	28.6	3144	17735	29.2	11.8	3.5	100	79.4	29.3	54.3	62.1	7.3	19.4	3087	11519
MYCOGEN TMF2R522	98	33.3	13.4	4.8	96	79.3	25.8	48.6	58.2	7.9	25.4	3162	15576	27.4	12.0	3.3	98	78.2	29.6	55.1	60.0	7.4	17.3	2989	10222
NuTech 3A-889	89	44.3	11.9	5.3	92	80.4	24.8	46.5	57.7	8.1	30.0	3174	17717	33.8	10.1	3.4	100	79.1	28.7	53.6	60.1	7.7	21.5	3080	10472
NuTech 5M-186	86	49.6	11.1	5.5	88	81.9	20.7	40.2	57.3	8.2	36.2	3334	17897	37.2	11.4	4.2	100	79.4	27.9	51.2	57.3	7.9	25.3	3114	13145
NuTech 5N-290	90	45.3	13.6	6.0	96	79.1	24.5	45.5	55.4	7.9	30.0	3162	19142	32.3	12.3	4.0	100	78.1	28.5	52.2	57.5	8.1	21.3	3022	12006
PIONEER P8906HR	89	48.5	11.1	5.4	100	81.8	21.3	41.4	57.1	8.3	35.9	3303	18379	36.7	9.7	3.6	100	79.1	27.4	49.6	57.2	7.7	27.0	3114	11054
PIONEER P9630AM1	95	44.4	12.3	5.5	96	81.0	25.8	48.1	58.4	8.2	29.3	3196	17822	32.8	11.3	3.7	100	78.1	31.7	56.9	58.3	7.9	18.0	2991	11082
AVERAGE		43.0	12.1	5.2	93	80.6	24.0	45.6	57.3	8.1	29.6	3189	17049	32.7	10.9	3.5	98	78.9	28.6	53.0	58.9	7.9	20.9	3053	10948
HIGHEST		50.4	13.6	6.0	100	83.5	26.0	50.4	58.8	8.6	36.2	3379	19142	40.0	12.6	4.2	100	81.7	31.7	56.9	62.1	9.1	29.1	3283	13145
LOWEST		33.3	10.8	4.4	85	79.1	19.1	39.8	55.4	7.6	23.4	3020	14179	27.4	9.1	2.9	92	77.1	26.0	46.3	57.2	7.3	14.1	2785	8653
CV (%)		6.37	11.15	10.5	7.33	3.33	10.51	7.82	3.82	7.36	11.14	5	11	3.9	9.0	10.1	2.5	2.1	5.5	4.8	2.1	6.5	8.1	3	8
LSD (5%)		2.23	1.11	0.45	5.52	2.17	2.02	2.86	1.77	0.49	2.7	131	1536	1.9	1.4	0.5	3.6	2.4	2.3	3.7	1.8	0.7	2.5	1.43	1.254

2 Year Averages 2011 - 2010		TRIAL AVERAGE												Alger											
BRAND / HYBRID	RM TRT TRAIT	YIELD				% QUALITY				MILK 2006				YIELD				% QUALITY				MILK 2006			
		%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
PIONEER P8906HR	89	42.5	15.8	6.5	99	79.5	23.6	44.6	53.9	7.3	35.7	3134	20521	35.3	16.7	5.9	99	79.3	24.8	46.4	54.9	7.3	32.5	3127	18431

2011		TRIAL AVERAGE												Menominee - Earli											
BRAND / HYBRID	RM TRT TRAIT	YIELD				% QUALITY				MILK 2006				YIELD				% QUALITY				MILK 2006			
		%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
CB SEEDS CBS3954	91	42.7	14.4	6.2	95	80.5	21.0	40.4	54.6	8.3	30.9	3153	18993	44.7	12.4	5.5	91	80.3	26.6	48.4	54.4	8.8	27.6	3120	16808
CB SEEDS CBX10591	94	--	--	--	--	--	--	--	--	--	--	--	--	42.9	13.9	5.9	78	79.8	23.8	45.5	55.1	7.7	29.7	3128	19705
CB SEEDS CBX41322	95	43.0	12.1	5.2	85	80.8	23.0	44.8	56.0	8.6	29.6	3199	16544	44.4	13.2	5.8	74	79.3	27.3	45.5	55.0	7.8	30.3	3100	18858
G2 GENETICS 5X-8901™	89	54.1	12.0	6.5	86	83.9	15.8	38.6	57.7	8.7	35.4	3338	21582	57.0	11.3	6.3	91	85.0	15.5	34.7	58.2	9.0	43.8	3516	22217
MYCOGEN 2A399	95	46.5	13.9	6.4	93	82.2	20.4	38.9	58.6	8.1	31.7	3158	20984	51.6	12.7	6.5	95	80.3	23.2	42.3	55.7	7.6	34.7	3186	20703
MYCOGEN TMF2R522	98	--	--	--	--	--	--	--	--	--	--	--	--	39.2	14.9	6.3	95	80.5	22.0	42.2	56.3	8.4	33.5	3334	20929
NuTech 3A-889	89	47.7	13.7	6.5	95	81.3	21.9	41.6	57.1	8.6	33.6	3255	23756	51.5	11.9	6.0	82	80.7	23.6	44.3	56.1	8.2	34.9	3189	18922
NuTech 5M-186	86	53.0	11.6	6.1	87	83.6	19.0	37.6	57.9	8.3	39.8	3424	20983	58.6	10.3	6.0	78	82.9	15.4	31.8	56.5	8.5	43.4	3465	19562
NuTech 5N-290	90	48.4	15.0	7.3	99	79.1	24.4	44.8	54.0	8.1	30.4	3105	22437	55.3	13.4	6.9	91	80.2	20.7	39.5	54.7	7.6	38.5	3359	22983
PIONEER P8906HR	89	52.0	12.4	6.5	100	84.0	17.0	34.8	58.2	8.7	43.0	3467	22372	56.6	11.3	6.3	99	82.4	19.7	39.9	55.8	8.5	37.7	3328	21712
PIONEER P9630AM1	95	49.1	13.5	6.7	97	81.6	24.7	46.1	57.8	8.3	33.6	3229	21471	51.3	12.1	6.2	91	83.4	21.0	41.3	59.0	8.3	36.2	3368	20915
AVERAGE		48.5	13.2	6.4	93	81.9	20.8	40.8	56.9	8.4	34.2	3259	21014	50.3	12.5	6.2	88	81.3	21.7	41.4	56.1	8.2	35.5	3281	20301
HIGHEST		54.1	15.0	7.3	100	84.0	24.7	46.1	58.6	8.7	43.0	3467	23756	58.6	14.9	6.9	99	85.0	27.3	48.4	59.0	9.0	43.8	3516	22983
LOWEST		42.7	11.6	5.2	85	79.1	15.8	34.8	54.0	8.1	29.6	3105	16544	39.2	10.3	5.5	74	79.3	15.4	31.8	54.4	7.6	27.6	3100	16808
CV (%)		4.1	7.8	8.5	6.1	2.8	10.0	7.6	3.0	5.6	8.7	5	9	6.5	10.5	9.9	9.7	4.9	9.2	7.5	5.2	6.7	9.2	6	8
LSD (5%)		2.9	1.5	0.8	8.3	3.3	3.0	4.5	2.5	0.7	4.3	240	2879	4.7	1.9	0.9	12.3	5.7	2.9	4.5	4.2	0.8	4.7	295	2485

2 Year Averages 2011 - 2010		TRIAL AVERAGE												Menominee - Earli											
BRAND / HYBRID	RM TRT TRAIT	YIELD				% QUALITY				MILK 2006				YIELD				% QUALITY				MILK 2006			
		%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
PIONEER P8906HR	89	--	--	--	--	--	--	--	--	--	--	--	--	49.7	15.0	7.1	98	79.7	22.3	42.9	52.9	7.3	39.0	3142	22611

** Highest Yielding Hybrid
 * Not Significantly Different from Highest Yielding Hybrid