

TABLE 10.

ALGER & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (81 - 95 Day)

ZONE 5

2009		TRIAL AVERAGE										ALGER															
BRAND /HYBRID	RM	TRT	TRAIT	YIELD			%QUALITY				MLK 2006 MK/T	MK/A	YIELD			%QUALITY				MLK 2006 MK/T	MK/A						
				%DM	GT/A	DT/A	DT/A	%StD	IVD	ADF			NDF	NDFD	CP	Sirch	%DM	GT/A	DT/A			%StD	IVD	ADF	NDF	NDFD	CP
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	29.7	20.2	5.8	99	76.5	28.1	53.9	56.6	8.0	26.8	2907	17077	20.9	22.9	4.8	100	73.3	30.8	57.8	53.9	8.8	20.8	2670	12837
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	29.4	23.3	6.7	94	78.3	26.2	51.0	57.9	8.2	27.5	3028	20966	19.5	24.6	4.8	97	73.4	31.2	58.8	54.9	9.3	17.3	2664	12752
DYNAGRO 52V01	86	P250	1,2,3,14	25.6	23.5	5.8	93	76.5	28.9	54.0	56.5	7.7	25.5	2885	16794	19.4	26.6	5.2	96	73.2	32.3	60.0	55.5	8.6	17.0	2611	13490
DYNAGRO 53V80	92	P250	1,2,3,14	25.8	24.9	6.4	95	77.7	28.8	55.2	59.6	7.9	25.4	2948	18950	18.5	26.4	4.9	97	75.5	31.5	60.5	59.6	9.1	17.2	2744	13409
MYCOGEN 2D140	83	C250	1,2,3	27.3	21.7	5.8	98	79.1	25.7	50.4	58.5	8.0	27.6	3073	18026	19.5	23.3	4.5	100	75.9	29.4	56.2	57.0	8.9	18.4	2813	12722
MYCOGEN TMF20296	86	C250	1	25.5	24.6	6.1	95	79.1	28.5	55.0	62.2	7.7	21.9	3028	18715	18.6	26.4	4.9	96	76.0	32.2	60.6	60.4	8.6	14.5	2769	13560
NuTech 1B-887 CBLL	87	C250	2,3,4	24.9	25.4	6.2	96	76.8	29.0	54.3	57.4	8.0	24.4	2913	18288	19.2	27.3	5.2	99	74.0	32.1	59.5	56.3	8.6	16.8	2677	13995
NuTech 3C-889 RR/YCGB	89	C250		29.1	22.5	6.3	95	77.4	28.2	54.7	58.7	8.2	24.3	2939	18704	20.3	25.2	5.1	93	74.3	30.6	57.7	55.4	9.6	18.5	2709	13816
NuTech 3A-094 RR/LFY	94	C250	2,3,4	23.9	24.9	5.9	97	78.6	28.3	54.1	60.5	8.4	22.2	3005	18047	18.5	25.6	4.7	98	75.4	31.7	59.9	58.9	9.4	13.0	2741	12993
NuTech 3T-295 VT3	95	C250	2,4	26.7	22.6	6.0	97	79.8	26.4	51.5	60.9	8.0	27.4	3099	18950	19.0	23.1	4.4	97	76.7	30.3	57.4	59.5	8.9	18.4	2844	12362
PIONEER 39V08	83	P250	1,2	29.7	19.9	5.7	98	73.6	30.9	56.3	53.3	7.9	25.4	2724	15803	20.4	22.1	4.5	98	69.9	34.1	60.2	50.1	9.0	20.6	2457	11079
PIONEER 39B23	88	C250	1,8	31.0	22.2	6.7	97	76.4	29.3	54.8	57.3	7.9	26.8	2885	19691	21.4	24.7	5.3	99	71.7	34.0	61.3	53.9	8.8	18.3	2538	13533
PIONEER 38N88	92	P250	1,2,3	27.8	23.5	6.5	99	79.2	25.4	50.3	58.7	8.2	29.6	3083	20221	21.9	24.2	5.3	99	77.6	32.7	52.6	57.5	8.9	26.3	2944	15656
PIONEER 38H08	92	P250	1,2,3,4	28.2	23.5	6.4	94	76.1	28.6	52.5	54.9	7.3	27.8	2898	18928	21.0	26.3	5.5	98	71.6	32.7	58.4	51.3	8.2	20.6	2566	14115
NK Brand N19G	81	P250	1,2,4,12	26.3	23.0	5.9	99	75.7	30.4	56.4	57.2	8.4	22.9	2830	16912	19.2	24.8	4.7	99	72.0	33.8	61.6	54.6	9.1	16.7	2549	12068
NK Brand N22-C2	87	P250	1,2,4,11,12	27.5	24.7	6.7	98	76.4	29.4	55.7	58.0	8.1	22.7	2877	19802	20.2	25.2	5.1	98	72.3	33.8	62.3	55.7	8.9	14.2	2560	12988
NK Brand N23K	88	P250	1,2,4,11	30.4	24.3	7.2	99	77.2	28.2	53.2	57.3	7.9	28.7	2946	21557	21.1	26.3	5.6	99	74.1	30.9	57.7	55.1	9.0	22.3	2702	14994
AVERAGE				27.6	23.2	6.2	97	77.3	28.2	53.7	58.0	8.0	25.7	2945	18667	19.9	25.0	5.0	98	73.9	31.6	59.0	55.8	8.9	18.3	2680	13316
HIGHEST				31.0	25.4	7.2	99	79.8	30.9	56.4	62.2	8.4	29.6	3099	21557	21.9	27.3	5.6	100	77.6	34.1	62.3	60.4	9.6	26.3	2944	15656
LOWEST				23.9	19.9	5.7	93	73.6	25.4	50.3	53.3	7.3	21.9	2724	15803	18.5	22.1	4.4	93	69.9	26.7	52.6	50.1	8.2	13.0	2457	11079
CV (%)				9.2	6.7	9.2	3	3.4	9.6	7.1	4.8	9.3	17.1	6	13	5.8	5.2	7.2	3	4.0	8.2	6.3	5.3	10.7	24.2	7	13
LSD (5%)				2.5	1.5	0.6	3	2.6	2.7	3.4	2.8	0.7	4.4	172	2452	1.6	1.8	0.5	5	4.2	3.7	5.3	4.2	1.4	6.3	273	2381

2 Year Averages 2009 - 2008		TRIAL AVERAGE										ALGER															
BRAND /HYBRID	RM	TRT	TRAIT	YIELD			%QUALITY				MLK 2006 MK/T	MK/A	YIELD			%QUALITY				MLK 2006 MK/T	MK/A						
				%DM	GT/A	DT/A	DT/A	%StD	IVD	ADF			NDF	NDFD	CP	Sirch	%DM	GT/A	DT/A			%StD	IVD	ADF	NDF	NDFD	CP
DYNAGRO 52V01	87	P250	1,2,3,14	29.6	21.0	5.8	93	79.3	26.4	50.5	59.2	7.5	27.3	3103	18262	23.1	24.5	5.5	92	78.7	27.6	52.8	60.4	7.9	22.0	3037	17014
DYNAGRO 53V80	92	P250	1,2,3,14	27.2	22.9	6.1	96	80.3	27.0	52.4	62.6	7.5	24.9	3133	19154	20.9	24.9	5.2	96	79.6	28.6	55.7	63.8	8.2	18.5	3040	15790
NuTech 1B-887 CBLL	87	C250	2,4	28.8	22.4	6.2	98	78.3	27.8	52.0	58.4	7.4	25.4	3045	18874	22.4	25.4	5.6	99	77.2	29.4	55.1	58.8	7.8	19.5	2948	16697
AVERAGE				28.5	22.1	6.0	96	79.3	27.0	51.6	60.1	7.5	25.9	3094	18763	22.1	24.9	5.4	95.6	78.5	28.5	54.5	61.0	8.0	20.0	3008	16500
HIGHEST				29.6	22.9	6.2	98	80.3	27.8	52.4	62.6	7.5	27.3	3133	19154	23.1	25.4	5.6	98.7	79.6	29.4	55.7	63.8	8.2	22.0	3040	17014
LOWEST				27.2	21.0	5.8	93	78.3	26.4	50.5	58.4	7.4	24.9	3045	18262	20.9	24.5	5.2	92.0	77.2	27.6	52.8	58.8	7.8	18.5	2948	15790
C.V.				8.1	6.3	8.2	3	2.9	8.9	6.7	4.3	7.6	14.8	5	11	6.4	5.0	7.4	3.9	3.1	7.4	5.7	4.8	8.8	19.6	6	12
LSD				2.3	1.4	0.5	3	2.2	2.4	3.5	2.5	0.6	3.8	152	2131	1.3	1.2	0.4	3.8	2.3	2.3	3.3	2.7	0.8	3.7	161	1625

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

Notes

2009			MEMOMINEE - EARLY												
BRAND /HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY						MILK 2006		
				%DM	GT/A	DT/A	IVD	ADF	NDF	INDFD	CP	Strech	MK/T	MK/A	
DEKALB DKC36-34 (VT3)	86	P250	1,2,3	38.4	17.5	6.8	99	79.7	25.3	49.9	59.2	7.2	32.8	3144	21317
DEKALB DKC38-89 (VT3)	88	P250	1,2,3	39.2	22.0	8.6	91	83.1	21.2	43.2	60.9	7.1	37.6	3393	29180
DYNAGRO 52V01	86	P250	1,2,3,14	31.7	20.4	6.4	91	79.7	25.5	48.0	57.4	6.7	33.9	3160	20097
DYNAGRO 53V80	92	P250	1,2,3,14	33.0	23.4	7.8	93	79.8	26.0	49.9	59.5	6.7	33.5	3151	24492
MYCOGEN 2D140	83	C250	1,2,3	35.1	20.0	7.0	96	82.3	21.9	44.6	60.0	7.1	36.7	3332	23331
MYCOGEN TMF20296	86	C250	1	32.3	22.7	7.3	95	82.2	24.7	49.3	63.9	6.7	29.3	3286	23869
NuTech TB-887 CB/LL	87	C250	2,3,4	30.6	23.4	7.2	94	79.6	25.9	49.1	58.5	7.3	32.0	3149	22580
NuTech 3C-889 RRR/GCB	89	C250		31.9	19.7	7.5	97	80.4	25.7	51.6	62.0	6.7	30.0	3170	23591
NuTech 3A-094 RRL/LFY	94	C250	2,3,4	29.2	24.2	7.1	96	81.7	24.8	48.3	62.1	7.4	31.3	3268	23101
NuTech 3T-295 VT3	95	C250	2,4	34.3	22.0	7.6	97	82.8	22.5	45.5	62.2	7.1	36.3	3355	25339
PIONEER 39V08	83	P250	1,2	39.0	17.6	6.9	97	77.2	27.6	52.3	56.5	6.8	30.1	2991	20528
PIONEER 39B23	88	C250	1,8	40.5	19.7	8.0	100	81.0	24.5	48.3	60.7	6.9	35.3	3233	25849
PIONEER 38N88	92	P250	1,2,3	33.7	22.8	7.7	99	80.8	24.1	47.9	59.9	7.5	32.9	3223	24787
PIONEER 38H08	92	P250	1,2,3,4	35.4	20.7	7.3	91	80.6	24.5	46.5	58.4	6.4	34.9	3230	23741
NK Brand N19C	81	P250	1,2,4,12	33.3	21.1	7.0	98	79.3	26.9	51.2	59.8	7.7	29.1	3111	21755
NK Brand N22-C2	87	P250	1,2,4,11,12	34.8	24.1	8.3	98	80.5	24.9	49.1	60.3	7.2	31.2	3195	26616
NK Brand N23K	88	P250	1,2,4,11	39.7	22.3	8.8	98	80.3	25.4	48.6	59.4	6.8	35.0	3189	28120
AVERAGE				35.2	21.4	7.5	96	80.6	24.8	48.4	60.0	7.0	33.0	3211	24017
HIGHEST				40.5	24.2	8.8	100	83.1	27.6	52.3	63.9	7.7	37.6	3393	29180
LOWEST				29.2	17.5	6.4	91	77.2	21.2	43.2	56.5	6.4	29.1	2991	20097
CV (%)				9.6	8.3	9.7	3	2.8	11.4	8.3	4.1	6.6	13.3	5	13
LSD (5%)				4.8	2.5	1.0	4	3.2	4.0	5.7	3.5	0.7	6.3	217	4360

2 Year Averages 2009 - 2008			MEMOMINEE - EARLY												
BRAND /HYBRID	RM	TRT	TRAIT	YIELD			% QUALITY						MILK 2006		
				%DM	GT/A	DT/A	IVD	ADF	NDF	INDFD	CP	Strech	MK/T	MK/A	
DYNAGRO 52V01	87	P250	1,2,3,14	36.1	17.5	6.2	93	79.9	25.2	48.2	58.1	7.0	32.6	3169	19511
DYNAGRO 53V80	92	P250	1,2,3,14	33.5	20.9	7.0	**	81.1	25.3	49.2	61.5	6.9	31.3	3226	22519
NuTech TB-887 CB/LL	87	C250	2,4	35.2	19.5	6.7	* 97	79.5	26.2	48.9	58.1	7.0	31.3	3142	21051
AVERAGE				34.9	19.3	6.6	96	80.1	25.6	48.7	59.2	7.0	31.7	3179	21027
HIGHEST				36.1	20.9	7.0	97	81.1	26.2	49.2	61.5	7.0	32.6	3226	22519
LOWEST				33.5	17.5	6.2	93	79.5	25.2	48.2	58.1	6.9	31.3	3142	19511
C.V.				8.3	7.8	8.4	3	2.6	10.7	7.9	3.8	5.4	12.1	5	11
LSD				2.9	1.6	0.6	3	2.1	2.6	3.8	2.2	0.4	3.9	145	2563

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid