

TABLE 10.

ALGER & MENOMINEE (EARLY) COUNTY SILAGE TRIALS (82 - 95 Day)

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2008				TRIAL AVERAGE										ALGER													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%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
BAYSIDE 1582YGCBBR	82		1,2	31.7	16.6	5.1	98	80.5	25.9	50.3	61.3	7.9	24.2	3176	16224	25.6	19.2	4.9	96	82.3	25.1	49.4	64.2	8.1	20.9	3276	15968
DEKALB DKC33-72 (RR2)	83	P250	1	33.1	18.7	6.0 *	100	81.6	24.5	48.6	62.2	7.9	24.3	3264	19644	27.7	21.4	5.9 *	100	81.7	25.3	49.5	63.0	8.1	21.3	3268	19376
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	36.9	16.5	5.8 *	99	81.5	24.2	47.1	60.7	7.4	29.5	3288	19142	28.6	19.7	5.6	98	82.6	24.4	47.8	63.6	7.6	25.5	3365	18856
DYNAGRO 51V89	87	P250	1,2,3,14	31.1	18.4	5.6	100	79.8	27.6	52.8	61.8	7.0	22.4	3119	17417	26.3	20.7	5.4	100	82.2	25.6	50.2	64.5	7.3	21.3	3267	17721
DYNAGRO 52V01	86	P250	1,2,3,14	33.6	18.5	5.9 *	92	82.1	23.9	47.0	62.1	7.2	29.1	3321	19731	26.7	22.3	5.9 *	88	84.2	22.9	45.7	65.4	7.3	27.1	3464	20537
DYNAGRO 52P81	88	P250	1,2	30.1	20.3	5.9 *	99	81.5	25.3	49.5	62.8	7.4	23.4	3181	18744	24.7	24.0	5.9 *	98	82.4	25.5	50.2	65.0	7.5	19.0	3160	18746
DYNAGRO 53V80	92	P250	1,2,3,14	28.6	20.9	5.8 *	98	83.0	25.2	49.7	65.8	7.2	24.4	3318	19358	23.3	23.3	5.5	95	83.7	25.8	50.9	68.0	7.3	19.9	3335	18170
HYLAND SEEDS HLCVR48	88	P250	1,2,3	28.5	20.3	5.7 *	86	80.3	26.8	50.9	61.3	6.9	19.4	3029	17272	23.9	22.4	5.4	81	81.2	26.7	51.5	63.4	6.9	16.3	2929	15652
JUNG 4209RR/YGCB	85	T250	1,2	32.4	18.1	5.8 *	91	82.2	23.9	46.9	62.0	7.6	25.1	3301	19009	26.5	20.1	5.3	83	82.5	24.0	47.3	63.0	7.5	23.8	3333	17659
JUNG HDS3091QRR	91	T250	1	30.7	20.2	6.0 *	100	80.5	26.9	51.9	62.4	7.4	18.9	3058	18253	25.5	24.2	6.2 *	100	81.3	26.8	52.0	64.1	7.4	16.1	2996	18469
JUNG HDS65S44	95	T250	2,3	26.9	22.2	5.9 *	96	79.6	28.7	54.9	62.7	7.3	15.0	2936	17258	23.3	25.2	5.9 *	92	79.6	29.3	55.9	63.4	7.4	11.0	2774	16314
NuTech 1B-887 CB/LL	87	C250	2,4	32.7	19.5	6.1 **	99	79.9	26.6	49.7	59.5	6.9	26.4	3177	19460	25.7	23.4	6.0 *	99	80.5	26.7	50.7	61.3	7.0	22.2	3219	19398
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	30.3	20.7	5.9 *	100	80.0	26.5	49.3	59.5	7.1	25.5	3126	18553	24.6	25.8	6.3 **	99	80.6	25.9	48.5	60.1	7.5	21.6	3128	19792
NuTech 3A-390 RR	88	P250	1	30.0	18.7	5.5	99	78.3	29.1	54.6	60.7	7.4	20.1	3029	16563	25.7	21.8	5.6	97	82.7	25.6	50.1	65.4	7.6	20.9	3311	18552
NuTech 3T-484 VT3	84	P250	1,2,3	31.8	18.2	5.6	88	81.2	25.9	48.9	61.3	7.1	25.7	3232	18186	25.8	20.2	5.2	81	81.5	25.3	47.3	60.5	7.8	23.9	3262	16962
AVERAGE				31.2	19.2	5.8	96.3	80.8	26.1	50.1	61.7	7.3	23.6	3171	18321	25.6	22.2	5.7	93.8	81.9	25.7	49.8	63.7	7.5	20.7	3206	18145
HIGHEST				36.9	22.2	6.1	100.0	83.0	29.1	54.9	65.8	7.9	29.5	3321	19731	28.6	25.8	6.3	100.0	84.2	29.3	55.9	68.0	8.1	27.1	3464	20537
LOWEST				26.9	16.5	5.1	85.8	78.3	23.9	46.9	59.5	6.9	15.0	2936	16224	23.3	19.2	4.9	80.9	79.6	22.9	45.7	60.1	6.9	11.0	2774	15652
CV (%)				6.4	6.8	7.5	3.7	2.2	8.6	6.4	3.6	5.4	13.3	4	10	5.8	5.4	7.0	4.6	1.8	7.5	5.6	3.9	6.6	13.9	4	9
LSD (5%)				2.0	1.3	0.4	3.6	1.7	2.2	3.2	2.2	0.4	3.1	132	1787	2.1	1.7	0.6	6.2	2.1	2.8	4.0	3.5	0.7	4.1	180	2279

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2 Year Averages 2008 - 2007				TRIAL AVERAGE										ALGER, DELTA (2007)													
				YIELD				% QUALITY						MILK 2006		YIELD				% QUALITY						MILK 2006	
BRAND / HYBRID	RM	TRT	TRAIT	%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
BAYSIDE 1582YGCBBR	82		1,2	33.7	16.9	5.6 *	99	81.5	23.8	47.8	61.4	7.7	26.7	3253	18196	29.6	22.3	6.7	98	82.7	22.7	45.6	61.8	7.8	28.1	3335	22447
DYNAGRO 52P81	88	P250	1,2	32.7	19.0	6.0 **	100	82.5	23.4	47.3	62.8	7.3	25.2	3227	19659	29.6	24.9	7.4 **	98	83.1	22.7	45.6	62.6	7.5	27.0	3300	24680
AVERAGE				33.2	18.0	5.8	99.3	82.0	23.6	47.5	62.1	7.5	25.9	3240	18927	29.6	23.6	7.1	98.1	82.9	22.7	45.6	62.2	7.7	27.5	3317	23564
HIGHEST				33.7	19.0	6.0	99.7	82.5	23.8	47.8	62.8	7.7	26.7	3253	19659	29.6	24.9	7.4	98.4	83.1	22.7	45.6	62.6	7.8	28.1	3335	24680
LOWEST				32.7	16.9	5.6	98.9	81.5	23.4	47.3	61.4	7.3	25.2	3227	18196	29.6	22.3	6.7	97.8	82.7	22.7	45.6	61.8	7.5	27.0	3300	22447
CV (%)				7.5	6.8	7.6	3.4	2.1	7.9	5.9	3.7	6.2	15.0	5	10	6.7	6.0	7.7	3.8	1.6	7.8	5.9	3.2	6.3	12.7	3	10
LSD (5%)				2.4	1.3	0.4	3.3	1.7	2.0	2.9	2.3	0.5	3.6	168	1846	1.8	1.4	0.5	3.5	1.3	1.9	2.8	2.0	0.5	2.8	109	1912

2008				MENOMINEE											
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY					MILK 2006		
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGCBRR	82		1,2	37.7	14.1	5.4	100	78.7	26.7	51.1	58.4	7.7	27.6	3076	16481
DEKALB DKC33-72 (RR2)	83	P250	1	38.5	15.9	6.1 *	100	81.6	23.8	47.8	61.4	7.8	27.3	3261	19911
DEKALB DKC35-19 (RR2/YGCB)	85	P250	1,2	45.3	13.3	6.1 *	100	80.4	23.9	46.5	57.8	7.3	33.4	3211	19428
DYNAGRO 51V89	87	P250	1,2,3,14	35.8	16.2	5.8 *	100	77.4	29.6	55.3	59.1	6.8	23.5	2971	17114
DYNAGRO 52V01	86	P250	1,2,3,14	40.5	14.7	6.0 *	96	80.1	24.9	48.4	58.8	7.2	31.2	3178	18926
DYNAGRO 52P81	88	P250	1,2	35.5	16.6	5.9 *	100	80.6	25.1	48.9	60.6	7.4	27.8	3201	18742
DYNAGRO 53V80	92	P250	1,2,3,14	33.9	18.4	6.2 **	100	82.4	24.6	48.4	63.6	7.1	29.0	3301	20545
HYLAND SEEDS HLCV84	88	P250	1,2,3	33.2	18.2	6.0 *	91	79.5	26.9	50.3	59.2	6.9	22.6	3129	18893
JUNG 4209RR/YGCB	85	T250	1,2	38.3	16.2	6.2 *	99	81.8	23.8	46.6	61.0	7.7	26.4	3269	20360
JUNG HDS3091QRR	91	T250	1	36.0	16.2	5.8 *	100	79.6	27.1	51.9	60.7	7.3	21.7	3120	18038
JUNG HDS65S44	95	T250	2,3	30.6	19.2	5.9 *	100	79.6	28.1	53.8	62.1	7.2	19.0	3099	18202
NuTech 1B-887 CB/LL	87	C250	2,4	39.8	15.7	6.2 **	100	79.3	26.5	48.7	57.7	6.8	30.6	3135	19522
NuTech 1N-887 CB/LL/RW	86	P250	1,2,4	36.1	15.5	5.6 *	100	79.3	27.0	50.0	58.9	6.8	29.4	3124	17313
NuTech 3A-390 RR	88	P250	1	34.2	15.6	5.3	100	73.9	32.6	59.2	55.9	7.3	19.4	2747	14573
NuTech 3T-484 VT3	84	P250	1,2,3	37.7	16.2	6.1 *	95	80.9	26.6	50.5	62.1	6.4	27.6	3203	19410
AVERAGE				36.9	16.1	5.9 *	98.7	79.7	26.5	50.5	59.8	7.2	26.4	3135	18497
HIGHEST				45.3	19.2	6.2 *	100.0	82.4	32.6	59.2	63.6	7.8	33.4	3301	20545
LOWEST				30.6	13.3	5.3 *	90.7	73.9	23.8	46.5	55.9	6.4	19.0	2747	14573
CV (%)				6.6	8.8	8.0 *	2.6	2.5	9.4	7.1	3.4	3.6	12.9	4	11
LSD (5%)				2.9	1.7	0.6 *	3.7	2.4	3.0	4.2	2.9	0.3	4.0	197	2821

2 Year Averages 2008 - 2007				MENOMINEE											
BRAND / HYBRID	RM	TRT	TRAIT	YIELD				% QUALITY					MILK 2006		
				%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A
BAYSIDE 1582YGCBRR	82		1,2	37.8	11.5	4.4 *	100	80.4	25.0	49.9	60.9	7.6	25.2	3171	13944
DYNAGRO 52P81	88	P250	1,2	35.7	13.2	4.6 **	101	81.9	24.1	49.0	63.0	7.2	23.4	3155	14638
AVERAGE				36.7	12.3	4.5	100.5	81.1	24.6	49.5	62.0	7.4	24.3	3163	14291
HIGHEST				37.8	13.2	4.6	101.0	81.9	25.0	49.9	63.0	7.6	25.2	3171	14638
LOWEST				35.7	11.5	4.4	100.0	80.4	24.1	49.0	60.9	7.2	23.4	3155	13944
CV (%)				7.6	7.9	7.4	3.0	2.4	7.9	5.7	4.2	6.0	15.9	6	10
LSD (5%)				2.3	1.0	0.4	3.0	1.6	1.7	2.4	2.5	0.4	3.4	195	1720

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid