

TABLE 9.

ALPENA, OSCEOLA & MENOMINEE (LATE) COUNTY SILAGE TRIALS (100 Day and Earlier)

ZONE 4

2007		TRIAL AVERAGE										ALPENA																					
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006					YIELD					% QUALITY					MILK 2006				
				%DM	GT/A	DT/A	%STD	%STG	IND	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	
BROWN 498RRLFY	95	C250	1,8	37.8	15.2	5.7	97	84.1	21.7	44.5	64.2	6.4	27.9	3381	19376	34.2	17.4	5.9	94	85.5	20.4	42.2	65.6	6.1	32.0	3593	21346						
CROPLAN 364TS	96	C250	1,2,3	36.7	16.5	6.1**	99	84.3	20.2	42.1	62.6	6.6	29.6	3220	20542	34.9	18.4	6.4*	98	85.6	19.1	39.2	63.3	6.4	37.6	3518	23247						
CROPLAN DS93CRW/RR	93	C250	3	33.5	17.1	5.7*	99	85.4	21.8	46.1	68.3	7.4	22.6	3273	19283	30.8	19.9	6.1**	98	86.2	21.9	45.9	69.9	7.2	25.4	3537	21639						
DAIRYLAND HI DF-3094-6	94	P250	1	37.2	15.3	5.7*	93	83.8	21.3	44.4	63.4	7.0	31.0	3436	19746	35.1	16.3	5.8	92	85.1	19.8	41.4	63.9	6.5	35.5	3573	20554						
DAIRYLAND HI DF-3098	98	P250		34.6	16.5	5.7*	93	85.7	20.1	42.6	66.3	6.7	29.7	3468	20048	32.3	17.0	5.5	87	86.7	19.9	42.0	68.2	6.6	31.0	3596	19691						
DEKALB DKC45-82 (RR2)	95	P250	1	33.8	16.3	5.6	100	85.5	21.1	44.3	67.3	6.5	28.0	3366	19431	31.5	18.2	5.7	100	86.3	20.2	42.5	67.9	6.4	33.4	3636	20771						
DYNAGRO 53F09	95	P250	2	38.0	14.4	5.5	97	84.9	19.6	41.5	63.3	6.4	33.4	3479	19531	34.6	15.3	5.3	96	86.2	18.2	38.5	64.0	6.1	38.5	3656	19554						
DYNAGRO 53K69	95	P250	1	35.4	16.0	5.7*	98	85.1	20.7	43.2	65.1	6.6	30.4	3368	19800	33.7	17.9	6.0*	98	86.0	19.7	40.6	65.5	6.1	37.6	3633	21892						
DYNAGRO 54T42	100	P250	1,2,3,4	32.7	17.6	5.8*	96	85.7	20.8	44.4	67.8	6.8	26.3	3371	19924	30.5	19.5	5.9	91	86.0	21.0	43.9	68.0	6.5	28.9	3599	21360						
GARST 892TYG/RR	92	C250	1,2	37.2	15.6	5.9*	97	85.6	19.9	42.0	65.5	6.6	32.4	3470	20830	35.3	17.2	6.1**	96	86.4	19.5	41.1	66.8	6.3	35.8	3660	22062						
HYLAND SEEDS HLS034	88	P250		36.4	15.5	5.7	92	84.2	22.1	45.8	65.4	6.8	26.7	3321	19128	34.7	16.1	5.6	90	86.1	20.3	42.6	67.2	6.6	32.7	3622	20188						
HYLAND SEEDS HLSR42	93	P250	1	35.4	16.2	5.8*	95	85.4	19.9	41.6	65.0	7.1	30.2	3442	20076	32.9	16.8	5.5	93	87.0	18.7	39.3	66.8	6.7	34.5	3677	20103						
MYCOGEN TMF2L416	94	C250	1,2,4,8	36.1	15.6	5.7	100	84.4	21.0	44.4	64.7	6.9	25.3	3223	18962	35.5	18.4	6.5**	100	86.1	19.4	41.2	66.4	6.5	33.2	3631	23545						
MYCOGEN TMF2N494	97	C250	1,8	35.1	16.3	5.8*	100	84.9	20.5	43.0	64.9	7.1	27.5	3340	19388	32.3	17.2	5.6	98	86.1	20.0	41.6	66.5	6.6	32.7	3629	20138						
NuTech 3195RRLFY	94	P250	1,8	34.7	16.6	5.8*	99	85.0	20.6	42.9	65.0	7.1	27.1	3291	19808	31.5	17.4	5.4	98	86.3	20.0	41.5	67.1	6.7	32.2	3643	19802						
NuTech 3P-494RRYGPL	94	P250	1,2,3	35.6	15.7	5.6	99	83.7	21.3	44.0	62.9	6.8	29.9	3360	19068	34.5	16.7	5.8	98	85.5	19.1	40.0	63.5	6.6	37.4	3604	20818						
NuTech 31-393 VT	93	P250	1,2,3	35.5	14.8	5.3	99	82.9	20.7	43.2	60.4	7.0	28.7	3183	17415	33.6	16.7	5.6	98	83.7	20.2	41.5	60.7	6.4	35.9	3497	19608						
PIONEER 38H72	99	P250	1,2,3,4,11	39.1	14.3	5.6	100	85.7	19.7	42.4	66.2	6.6	29.4	3341	19332	36.7	16.6	6.1*	100	87.2	18.4	39.5	67.6	6.5	37.1	3704	22599						
PIONEER 38K47	94	P250	1,2,4	38.1	13.5	5.2	99	85.2	20.3	43.2	65.6	6.5	28.0	3231	17452	37.5	15.8	5.9	97	86.0	19.1	40.2	65.2	6.2	38.0	3635	21536						
PIONEER 38M58	94	P250	1,2,4,11	40.6	13.0	5.4	98	83.9	21.1	44.1	63.2	6.6	31.5	3396	18387	40.5	13.0	5.2	99	85.1	19.4	40.7	63.2	6.1	38.3	3580	18548						
PIONEER 38N87	93	P250	1,2,4	40.6	13.3	5.5	100	82.9	21.3	44.3	61.4	6.5	28.7	3169	17860	40.9	13.3	5.4	100	84.0	20.9	43.0	62.8	6.2	36.5	3501	18879						
RENK RK438RRYGPL	93	P250	1,2,3	37.3	15.6	5.9*	98	84.9	20.4	43.1	65.0	6.9	31.1	3419	20554	35.7	17.9	6.4*	94	86.6	18.6	39.7	66.2	6.7	37.1	3670	23491						
RENK RK488RRYGPL	97	P250	1,2,3	37.2	15.1	5.7	97	84.9	20.2	42.7	64.4	6.5	30.6	3377	19579	36.3	16.9	6.1**	93	86.4	17.9	38.5	64.4	6.3	38.4	3665	22486						
RENK RK618YGV73	100	P250	1,2,3	33.1	16.2	5.5	99	84.1	21.8	45.9	65.3	7.0	25.7	3294	18571	31.7	17.5	5.6	100	85.6	21.4	44.5	67.6	6.4	31.1	3582	19952						
AVERAGE				36.3	15.5	5.7	98	84.7	20.8	43.6	64.7	6.8	28.8	3342	19337	34.5	17.0	5.8	96	85.9	19.7	41.3	65.8	6.4	34.6	3614	20992						
HIGHEST				40.6	17.6	6.1	100	85.7	22.1	46.1	68.3	7.4	33.4	3479	20830	40.9	19.9	6.5	100	87.2	21.9	45.9	69.9	7.2	38.5	3704	23545						
LOWEST				32.7	13.0	5.2	92	82.9	19.6	41.5	60.4	6.4	22.6	3169	17415	30.5	13.0	5.2	87	83.7	17.9	38.5	60.7	6.1	25.4	3497	18548						
CV (%)				4.9	8.0	8.2	3	1.5	7.6	6.0	3.1	6.7	15.0	6	10	4.5	6.5	6.4	4	1.2	7.3	5.4	2.5	4.7	7.0	2	7						
LSD (5%)				1.4	1.0	0.4	2	1.0	1.3	2.1	1.6	0.4	3.5	153	1537	4.4	1.6	0.5	5	2.8	4.1	6.3	2.4	0.4	3.4	186	2058						

2 Year Averages 2007 - 2006		TRIAL AVERAGE										ALPENA																					
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006					YIELD					% QUALITY					MILK 2006				
				%DM	GT/A	DT/A	%STD	%STG	IND	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	
DYNAGRO 53F09	95	P250	2	37.7	17.9	6.7*	95	84.1	19.0	39.5	59.5	6.7	37.2	3536	23914	36.3	18.0	6.6	95	85.6	17.3	36.4	60.3	6.5	40.3	3682	24338						
RENK RK438RRYGPL	93	P250	1,2,3	38.0	18.7	7.1**	98	84.1	19.9	41.0	61.1	7.0	35.3	3497	25120	38.6	18.7	7.2**	96	86.1	17.7	37.1	62.0	6.7	39.7	3670	26532						
AVERAGE				37.9	18.3	6.9	97	84.1	19.4	40.3	60.3	6.8	36.2	3516	24517	37.4	18.4	6.9	96	85.8	17.5	36.8	61.1	6.6	40.0	3676	25435						
CV (%)				5.5	7.8	8.8	4	1.4	7.3	5.6	2.8	5.3	10.2	3	10	4.6	7.4	7.6	4	1.0	6.4	4.7	2.9	5.0	5.7	2	8						
LSD (5%)				1.6	1.0	0.4	3	0.9	1.2	1.9	1.5	0.3	2.4	94	1607	1.6	1.3	0.5	4	0.9	1.2	1.9	1.8	0.3	2.0	73	1709						

3 Year Averages 2007 - 2005		TRIAL AVERAGE										ALPENA																					
BRAND / HYBRID	RM	TRT	TRAIT	YIELD					% QUALITY					MILK 2006					YIELD					% QUALITY					MILK 2006				
				%DM	GT/A	DT/A	%STD	%STG	IND	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	IVD	ADF	NDF	NDFD	CP	STR	MK/T	MK/A	
DYNAGRO 53F09	95	P250	2	37.2	18.2	6.7	95	83.8	19.1	39.0	58.3	6.8	38.0	3564	24101	37.1	17.5	6.5	97	85.0	17.8	36.4	58.5	6.4	41.0	3660	23885						

** Highest Yielding Hybrid

* Not Significantly Different from Highest Yielding Hybrid

										MEMONINEE - LATE										OSCEOLA											
										YIELD					% QUALITY					YIELD					% QUALITY						
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	
BROWN 498RRFLY	95	C250	1,8	38.8	13.4	5.2	100	80.5	26.0	51.7	62.0	6.6	17.6	2928	15189	2928	15189	2928	15189	86.2	18.7	39.6	65.0	6.6	34.1	3623	21592	3623	21592	3623	21592
CROPLAN 364TS	96	C250	1,2,3	31.4	13.2	4.2	100	81.5	24.6	51.3	64.0	6.6	9.8	2414	9989	2414	9989	2414	9989	85.8	16.9	35.9	60.5	6.7	41.8	3629	28389	3629	28389	3629	28389
CROPLAN DS93CRW/RR	93	C250	3	32.4	13.0	4.2	100	83.9	25.0	52.5	69.6	7.4	9.6	2664	11234	2664	11234	2664	11234	85.2	18.5	40.1	65.4	7.6	32.7	3620	24976	3620	24976	3620	24976
DAIRYLAND HI DF-3094+6	94	P250	1	36.1	13.1	4.7	99	81.5	24.7	51.2	63.8	7.4	21.4	3204	15115	3204	15115	3204	15115	84.7	19.4	40.5	62.5	7.1	36.1	3532	23570	3532	23570	3532	23570
DAIRYLAND HI DF-3098	98	P250		35.0	13.2	4.6	99	83.9	22.2	46.4	65.2	6.7	22.6	3161	14595	3161	14595	3161	14595	86.5	18.3	39.3	65.5	6.8	35.5	3646	25860	3646	25860	3646	25860
DEKALB DKC45-82 (RR2)	95	P250	1	31.3	11.2	3.5	100	83.5	25.1	52.0	68.5	6.3	12.9	2802	9817	2802	9817	2802	9817	86.8	17.9	38.3	65.5	6.8	37.6	3659	27705	3659	27705	3659	27705
DYNAGRO 53F09	95	P250	2	35.0	11.9	4.1	98	81.8	24.5	51.0	64.4	6.8	19.7	3100	12757	3100	12757	3100	12757	86.6	16.0	34.9	61.5	6.3	42.1	3681	26283	3681	26283	3681	26283
DYNAGRO 53K69	95	P250	1	32.5	12.7	4.1	100	83.0	25.1	51.9	66.9	7.2	13.7	2822	11807	2822	11807	2822	11807	85.7	17.4	37.1	62.9	6.6	39.9	3648	25702	3648	25702	3648	25702
DYNAGRO 54T42	100	P250	1,2,3,4	31.5	13.2	4.2	99	84.8	23.4	50.5	69.9	7.1	13.6	2869	11961	2869	11961	2869	11961	86.5	18.1	38.8	65.5	6.9	36.4	3646	26451	3646	26451	3646	26451
GARST 892YIG1/RR	92	C250	1,2	33.5	11.9	4.0	98	83.0	24.5	50.1	65.9	6.7	19.5	3024	12130	3024	12130	3024	12130	87.5	15.8	34.8	63.8	6.8	41.8	3736	28297	3736	28297	3736	28297
HYLAND SEEDS HLS034	88	P250		33.1	14.3	4.8	98	81.0	26.4	53.4	64.3	7.2	13.0	2774	13358	2774	13358	2774	13358	85.4	19.6	41.3	64.7	6.8	34.3	3566	23837	3566	23837	3566	23837
HYLAND SEEDS HLSR42	93	P250	1	33.9	14.1	4.8	96	83.1	23.7	48.9	65.3	7.5	17.5	3000	14429	3000	14429	3000	14429	86.3	17.3	36.8	62.9	7.1	38.7	3649	25697	3649	25697	3649	25697
MYCOGEN TME2L416	94	C250	1,2,4,8	33.6	11.2	3.8	100	81.5	25.4	52.9	64.8	7.3	8.3	2448	9191	2448	9191	2448	9191	85.5	18.4	39.2	62.8	6.9	34.3	3590	24150	3590	24150	3590	24150
MYCOGEN TME2M494	97	C250	1,8	33.9	15.1	5.1	100	82.6	23.5	49.0	64.3	7.5	14.8	2761	14136	2761	14136	2761	14136	86.1	18.0	38.3	63.9	7.1	35.1	3630	23892	3630	23892	3630	23892
NuTech 3195RRFLY	95	P250	1,8	31.8	13.0	4.1	100	82.4	24.7	50.7	65.3	7.5	11.0	2583	10687	2583	10687	2583	10687	86.2	17.1	36.7	62.5	7.1	38.1	3648	28934	3648	28934	3648	28934
NuTech 3P-494RRYIGPL	94	P250	1,2,3	35.4	13.2	4.6	100	80.4	25.8	51.8	62.2	6.7	17.8	2910	13519	2910	13519	2910	13519	85.2	19.1	40.2	63.0	7.2	34.4	3565	22869	3565	22869	3565	22869
NuTech 3T-393 VT	93	P250	1,2,3	33.1	11.2	3.7	100	80.8	23.8	50.2	61.9	8.0	11.3	2526	9467	2526	9467	2526	9467	84.2	18.2	38.0	58.5	6.7	39.0	3625	23168	3625	23168	3625	23168
PIONEER 38H72	99	P250	1,2,3,4,11	37.7	10.7	4.0	100	83.3	23.0	49.2	66.1	6.7	13.7	2664	10626	2664	10626	2664	10626	86.6	17.7	38.4	64.8	6.7	37.3	3655	24771	3655	24771	3655	24771
PIONEER 38K47	94	P250	1,2,4	33.6	10.3	3.4	100	82.9	24.4	51.9	67.0	6.6	8.0	2390	8186	2390	8186	2390	8186	86.7	17.4	37.6	64.6	6.7	38.1	3669	22635	3669	22635	3669	22635
PIONEER 38M58	94	P250	1,2,4,11	36.7	10.6	3.9	98	81.6	25.7	52.9	65.4	7.0	16.8	3045	11810	3045	11810	3045	11810	85.0	18.3	38.6	61.1	6.8	39.4	3562	24805	3562	24805	3562	24805
PIONEER 38N87	93	P250	1,2,4	34.9	11.5	4.0	99	79.9	25.1	52.3	61.7	6.7	10.2	2439	9750	2439	9750	2439	9750	84.9	18.0	37.6	59.8	6.8	39.3	3567	24951	3567	24951	3567	24951
RENK RK438RRYGPL	93	P250	1,2,3	34.7	11.8	4.1	100	82.1	25.0	51.3	65.0	7.2	16.7	2954	12156	2954	12156	2954	12156	86.2	17.8	38.2	63.9	6.8	39.4	3634	26014	3634	26014	3634	26014
RENK RK488RRYGPL	97	P250	1,2,3	33.6	11.8	4.0	99	82.7	24.6	51.1	66.4	6.7	14.7	2865	11427	2865	11427	2865	11427	85.6	18.1	38.5	62.2	6.4	38.8	3602	24824	3602	24824	3602	24824
RENK RK618YGV73	100	P250	1,2,3	29.8	12.2	3.7	100	80.2	26.0	54.2	63.6	7.5	10.4	2665	9898	2665	9898	2665	9898	86.3	18.2	39.0	64.8	7.1	35.7	3636	25864	3636	25864	3636	25864
AVERAGE				33.9	12.4	4.2	99	82.2	24.7	51.2	65.1	7.0	14.3	2792	11801	2792	11801	2792	11801	86.0	17.9	38.2	63.2	6.8	37.5	3622	25218	3622	25218	3622	25218
HIGHEST				38.0	15.1	5.2	100	84.8	26.4	54.2	69.9	8.0	22.6	3204	15189	3204	15189	3204	15189	87.5	19.6	41.3	65.5	7.6	42.1	3736	28934	3736	28934	3736	28934
LOWEST				29.8	10.3	3.4	96	79.9	22.2	46.4	61.7	6.3	8.0	2390	8186	2390	8186	2390	8186	84.2	15.8	34.8	58.5	6.3	32.7	3525	21592	3525	21592	3525	21592
CV (%)				5.6	11.1	10.3	2	2.0	7.3	6.1	3.9	9.8	45.3	11	18	11	18	11	18	1.2	8.1	6.4	2.5	3.2	7.4	2	8	2	8		
LSD (5%)				5.4	2.0	1.2	6	2.4	2.6	8.8	3.6	1.9	18.3	887	5849	887	5849	887	5849	1.5	4.1	6.9	2.3	0.6	7.8	209	2990	209	2990		

										MEMONINEE - LATE										OSCEOLA									
										YIELD					% QUALITY					YIELD					% QUALITY				
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006
DYNAGRO 53F09	95	P250	2	38.0	15.1	5.8	98	81.4	22.3	45.5	58.4	6.6	29.9	3236	18943	3236	18943	3236	18943	85.3	17.3	36.7	60.0	6.9	41.3	3690	28461	3690	28461
RENK RK438RRYGPL	93	P250	1,2,3	37.4	15.6	5.9	100	80.2	24.7	49.1	59.6	7.0	25.0	3089	18639	3089	18639	3089	18639	85.9	17.2	36.7	61.7	7.3	41.2	3731	30188	3731	30188
AVERAGE				37.7	15.4	5.9	99	80.8	23.5	47.3	59.0	6.8	27.5	3163	18791	3163	18791	3163	18791	85.6	17.2	36.7	60.8	7.1	41.2	3710	29324	3710	29324
CV (%)				6.8	9.5	11.2	4	1.9	7.7	6.2	3.3	7.8	32.2	8	16	8	16	8	16	1.1	7.7	5.7	2.4	3.4	6.5	2	8	2	8
LSD (5%)				2.3	1.2	0.5	3	1.6	1.9	3.1	2.1	0.5	5.1	228	2056	228	2056	228	2056	1.0	1.4	2.1	1.5	0.2	2.4	71	2046	71	2046

										MEMONINEE - LATE										OSCEOLA									
										YIELD					% QUALITY					YIELD					% QUALITY				
BRAND / HYBRID	RM	TRT	TRAIT	%DM	GT/A	DT/A	%STD	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	MILK 2006	IVD	ADF	NDF	NDFFD	CP	STR	MILK 2006	MILK 2006	MILK 2006	MILK 2006
DYNAGRO 53F09	95	P250	2	36.7	16.7	6.1	96	81.5	22.0	44.3	57.6	6.9	31.8	3329	20511	3329	20511	3329	20511	85.0	17.5	36.4	5						